



**DFM Studio**

**DFM Studio**  
**Inspector Operation Manual**

January 2022  
Elysium Co. Ltd.

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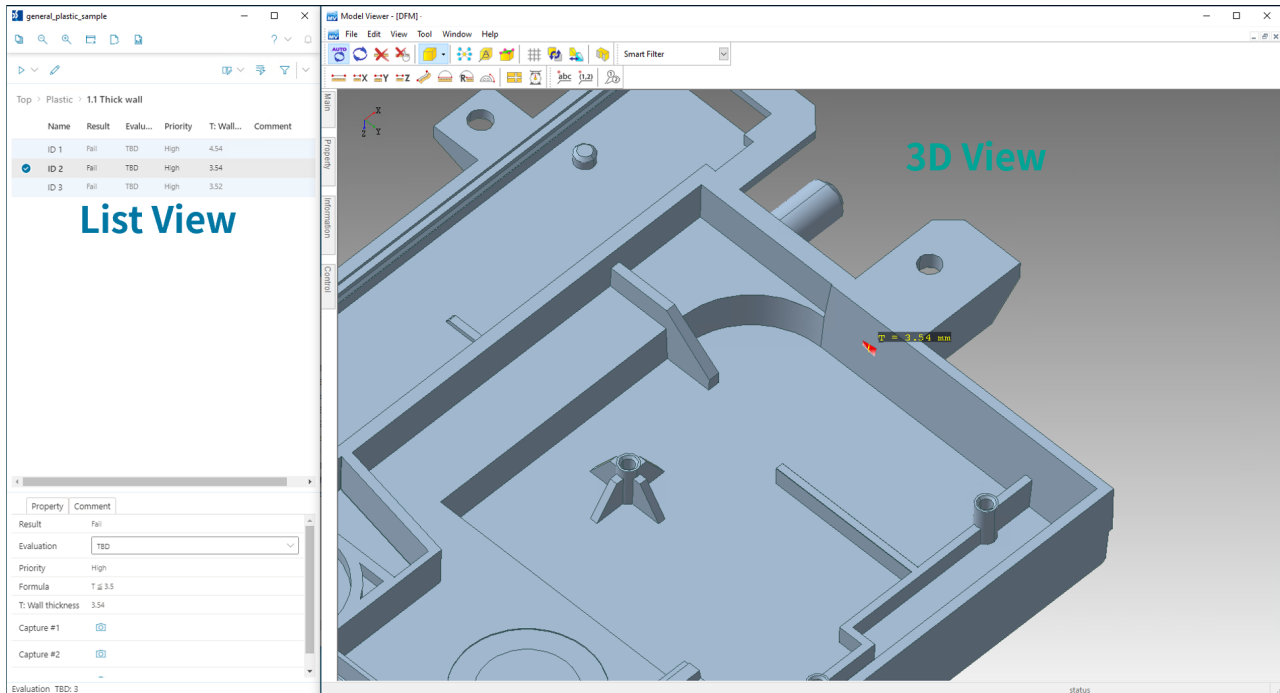
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# 1. What is DFM Studio Inspector?

DFM Studio Inspector (hereinafter "Inspector") is a tool to analyze the check result (\*.far) created in DFM Studio Checker.

It facilitates you to analyze the result synchronizing with Model Viewer which visualizes the result on 3D CAD models. It lists all the result, and you can sort and/or filter the result to reach the significant errors efficiently. You can also visually check the selected result in Model Viewer. In Model Viewer, you can switch the view mode between 3D view with or without surroundings, 2D section view, etc. for your needs.



**DFM Studio Inspector**

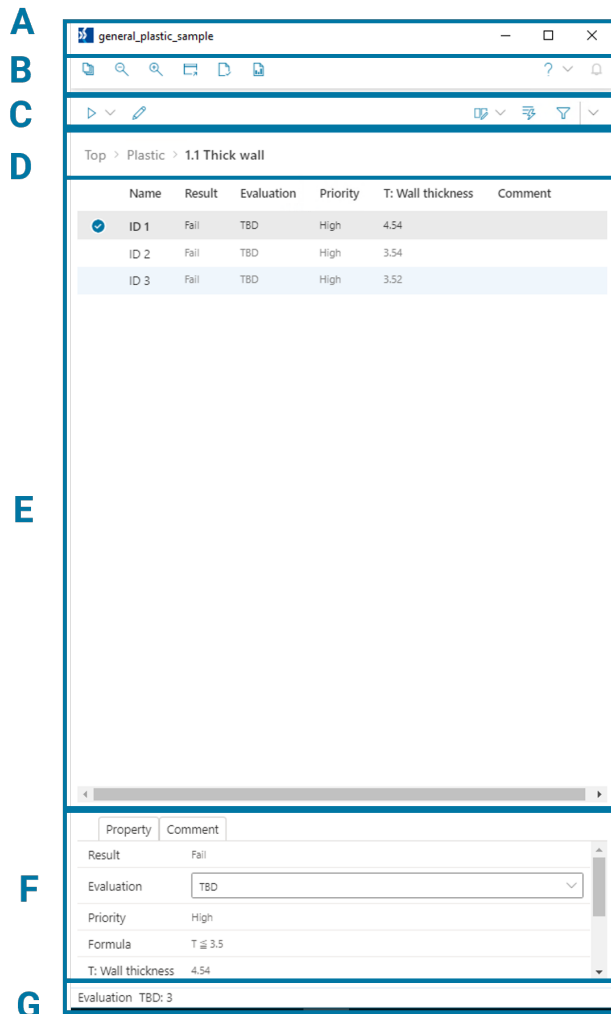
**Model Viewer**

Moreover, you can update the check result (\*.far) in Inspector by adding information as property values (Evaluation, Capture, and Comment). You can utilize the check result (\*.far) updated in Inspector as a proof that the product/mold is designed in conformity to the standards, basis for decision of engineering changes, etc.

This manual explains the operation flow and functions of Inspector and Model Viewer.



## 2. Inspector Window Layout



	Name	Description
A	Title Bar	Shows the filename of currently opened check result file.
B	Menu Bar	Lists commands for Inspector and the check result file.
C	Command Bar	Lists commands for Item List.
D	Breadcrumb Navigation	Shows the location in Item List.
E	Item List	Shows the list of items (check criteria, checked areas, etc.).
F	Property List	Shows the properties of the checked area item selected in Item List.
G	Status Bar	Shows the statistics of Item List.

## 3. Inspector Command Lineup

### 3.1. Menu Bar

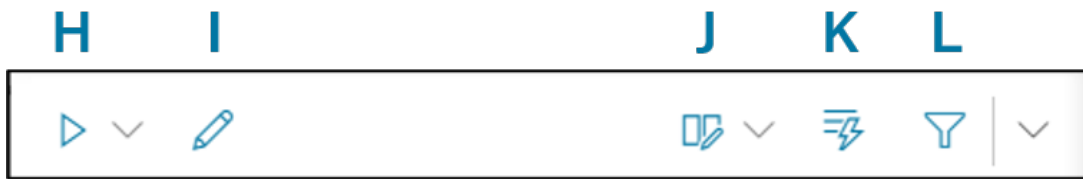
This is a command lineup of Menu Bar at the top in Inspector.



	Command name	Description
A	[File]	To open/save the check result file (*.far), etc.
B	[Zoom Out] / [Zoom In]	To change the zoom factor of Inspector.
C	[Launch Model Viewer]	To launch Model Viewer.
D	[Re-run DFM Check]	To launch "Run Scenario" dialog, and re-run check after engineering changes, etc.
E	[Export Report]	To launch "Run Scenario" dialog, and export the check result report.
F	[Help] > [Open Inspector Operation Manual]	To open Inspector operation manual.
F	[Help] > [About License]	To open the license agreement.
F	[Help] > [About DFM Studio Inspector]	To open version information.
G	[Notification]	To show the notifications.

## 3.2. Command Bar

This is a command lineup of Command Bar located below Menu Bar in Inspector.



	Command name	Description
H	[View Operation]	To switch the view mode in Model Viewer.
I	[Edit Property]	To edit/bulk-edit property values (Evaluation, Comment) on the selected checked area(s).
J	[Show/Hide Column]	To show/hide each property in Item List.
K	[Assign a View Command]	To assign a view command to operations (select item(s) / double-click an item) in Inspector.
L	[Filter Result]	To filter Item List.

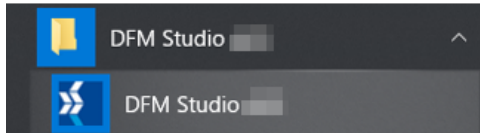
## 4. Launch Inspector / Model Viewer

1. Launch Inspector by one of the following four ways.

**Launch from the desktop shortcut created during the installation.**

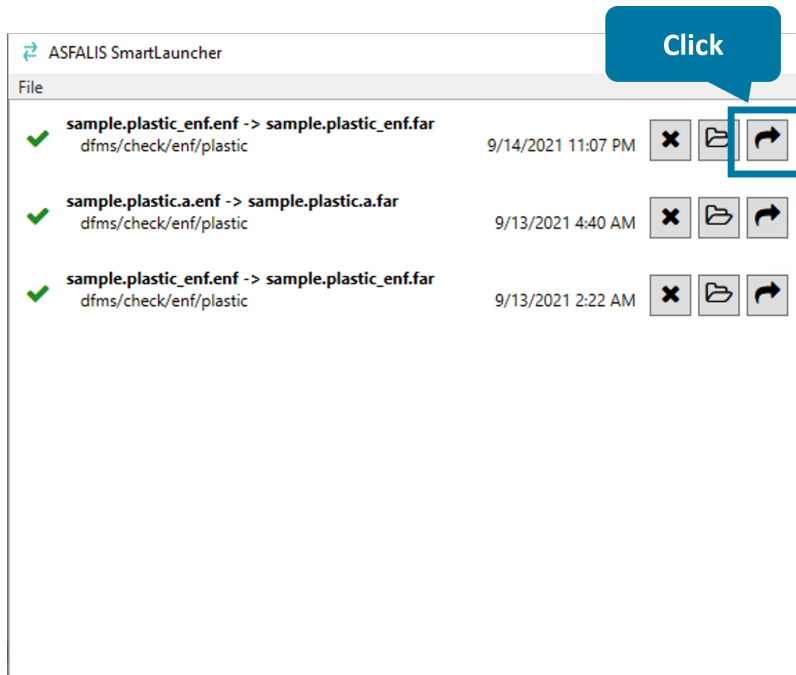


**Launch from the Windows Start menu.**



**Launch from the translation list of ASFALIS SmartLauncher.**

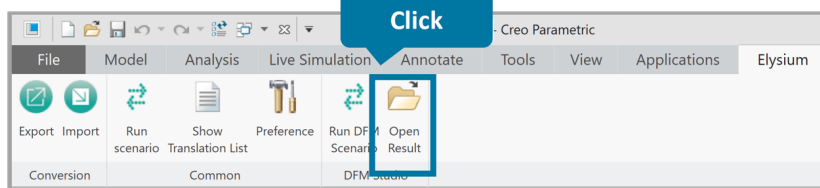
- Click  to launch Inspector if it is not running.



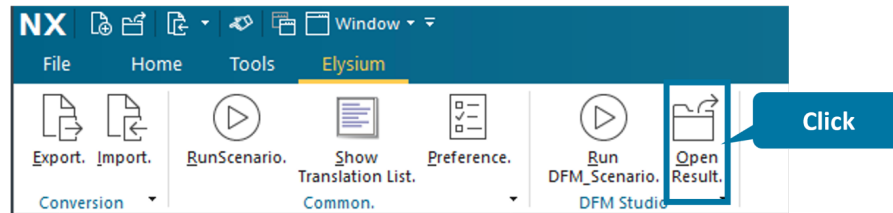
**Launch from the plug-in menu of ASFALIS SmartLauncher.**

- Click [Open] to launch Inspector and open the result file.

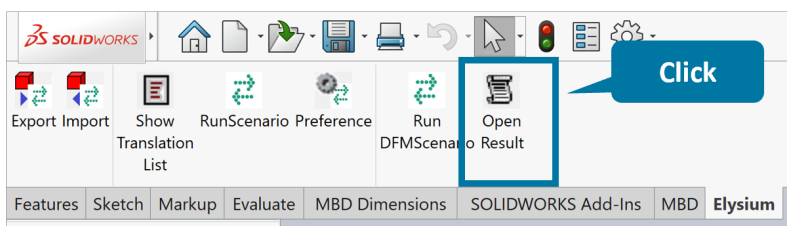
## Creo



## NX



## SOLIDWORKS



- The plug-in is available for the following CAD systems only:

- Creo Parametric
- NX
- SOLIDWORKS



It requires a license on CAD Connector to launch Inspector from ASFALIS SmartLauncher CAD plug-in.

2. A dialog will appear when launching Inspector.  
Click [Yes] to launch Model Viewer as well.



You can also launch Model Viewer from [Menu Bar] > [Launch Model Viewer] in Inspector.



Inspector and Model Viewer will be displayed side-by-side to each other, and cannot be separated.

## 5. Open Check Result (\*.far)

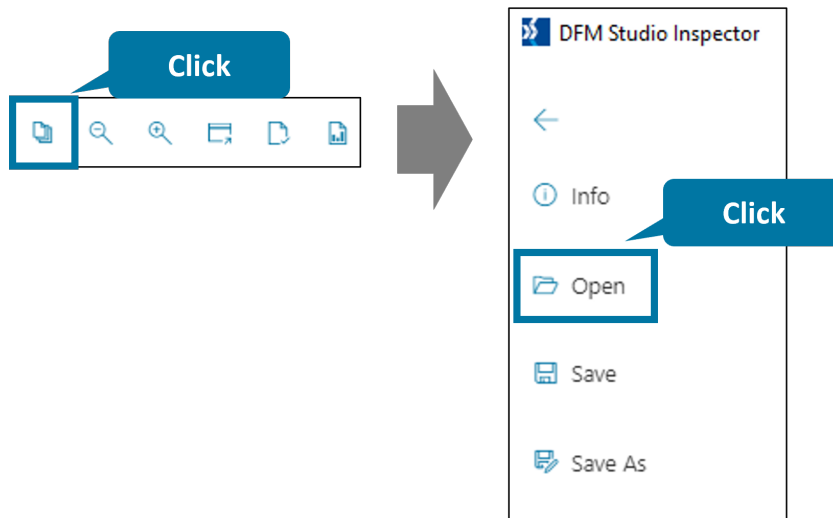
1. Open the check result file (\*.far) by one of the following four ways.

**Drag-and-drop the result file to Inspector or Model Viewer.**




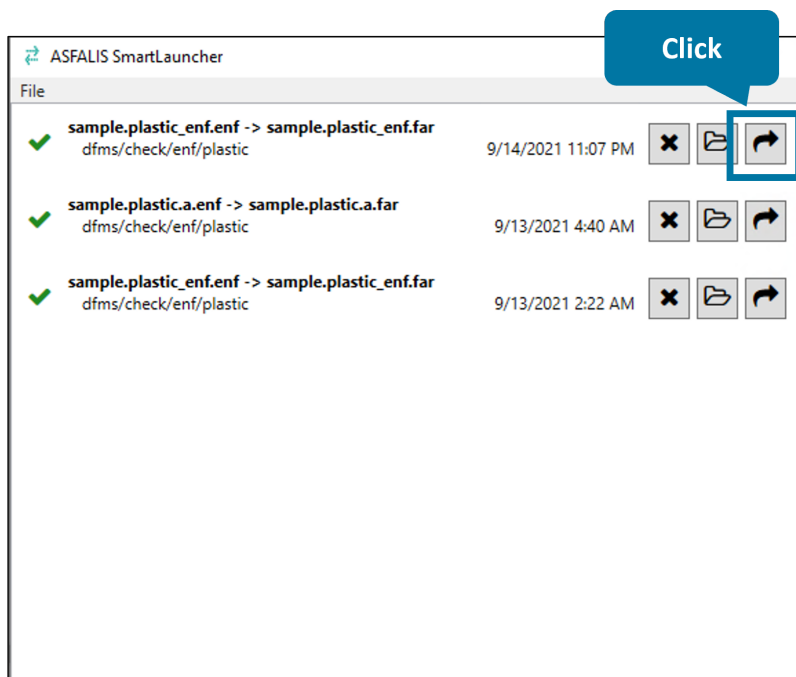
Please note that dragging-and-dropping to Model Viewer functions only when Model Viewer is connected to Inspector.

**Open from [Menu Bar] > [File] in Inspector.**



**Open from the translation list of ASFALIS SmartLauncher.**

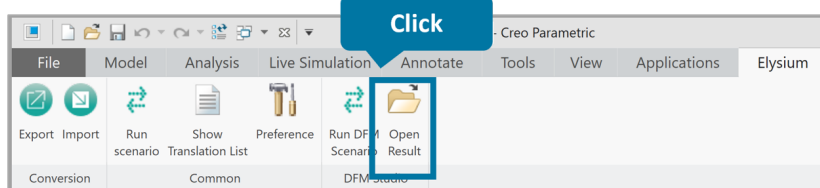
- Click  to open the check result file.
- Inspector will be launched automatically if it is not running.



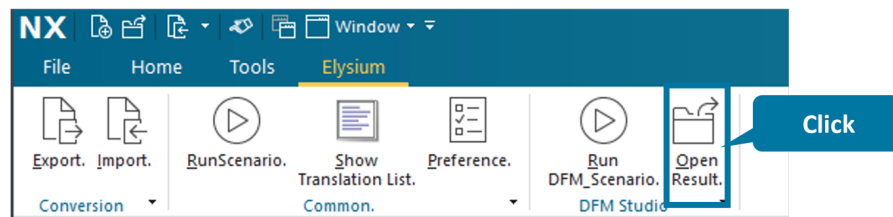
## Open from the plug-in menu of ASFALIS SmartLauncher.

- Open from [Menu Bar] > [Open].

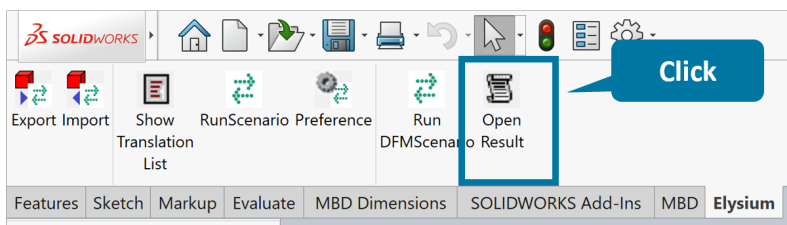
### Creo



### NX



### SOLIDWORKS



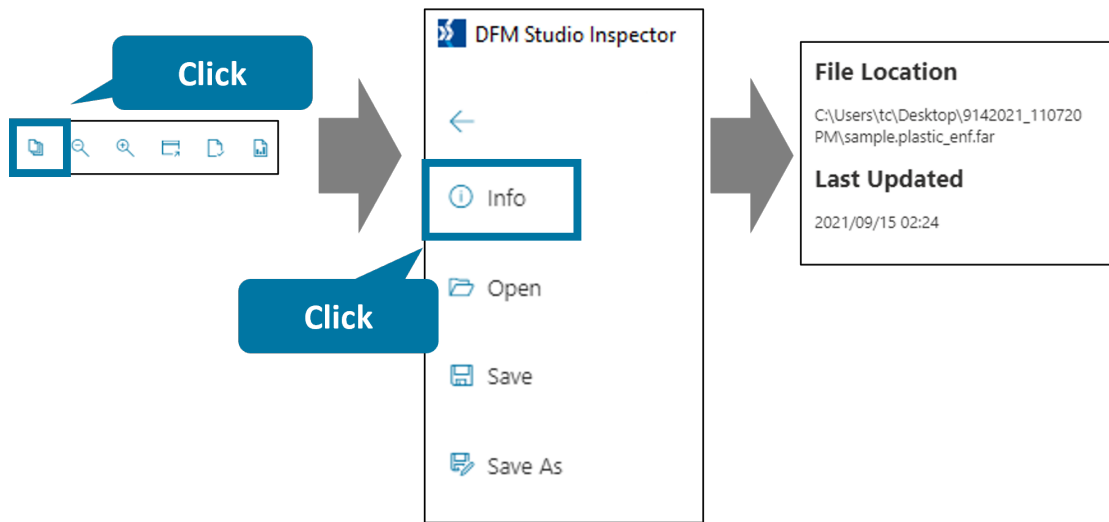
- Inspector will be launched automatically if it is not running.
- You can synchronize the 3D view between the CAD system and Model Viewer when opening the check result file from the CAD plug-in. Please refer to [\[anchor-7\]](#) for how to synchronize the 3D view.
- The plug-in is available for the following CAD systems only:
  - Creo Parametric
  - NX
  - SOLIDWORKS



It requires a license on CAD Connector to open the result file from ASFALIS SmartLauncher CAD plug-in.

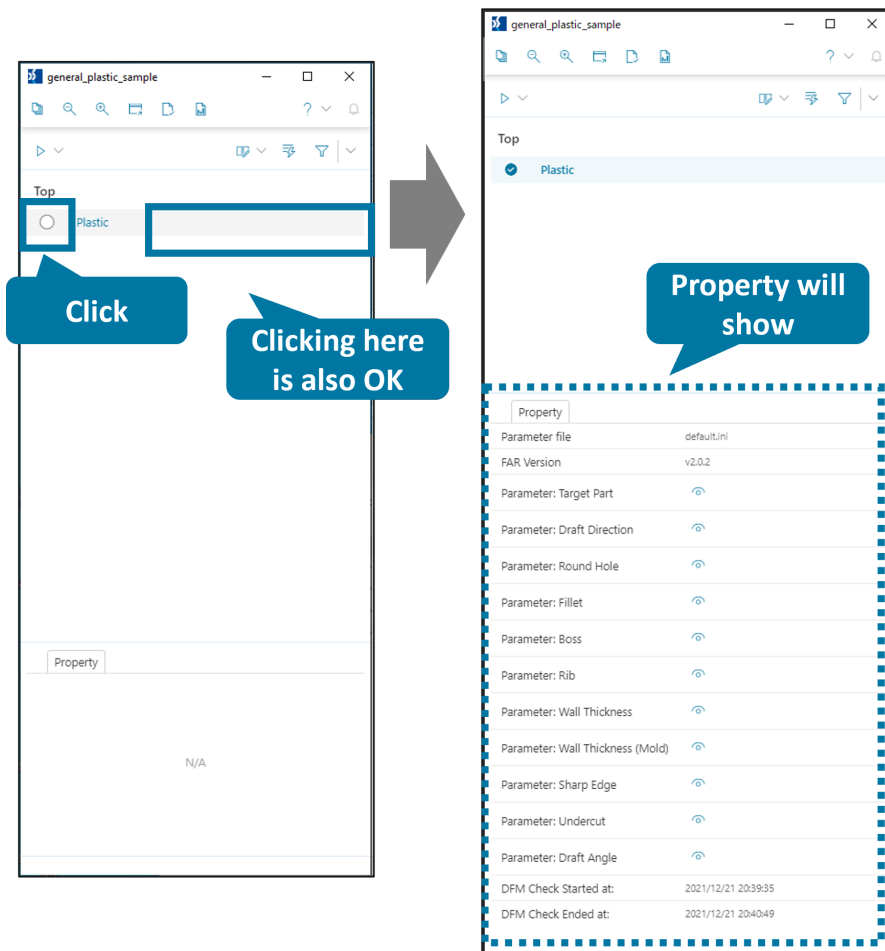
## 6. Check File Information

- Select [Menu Bar] > [File] in Inspector to check the file location and the last updated date.

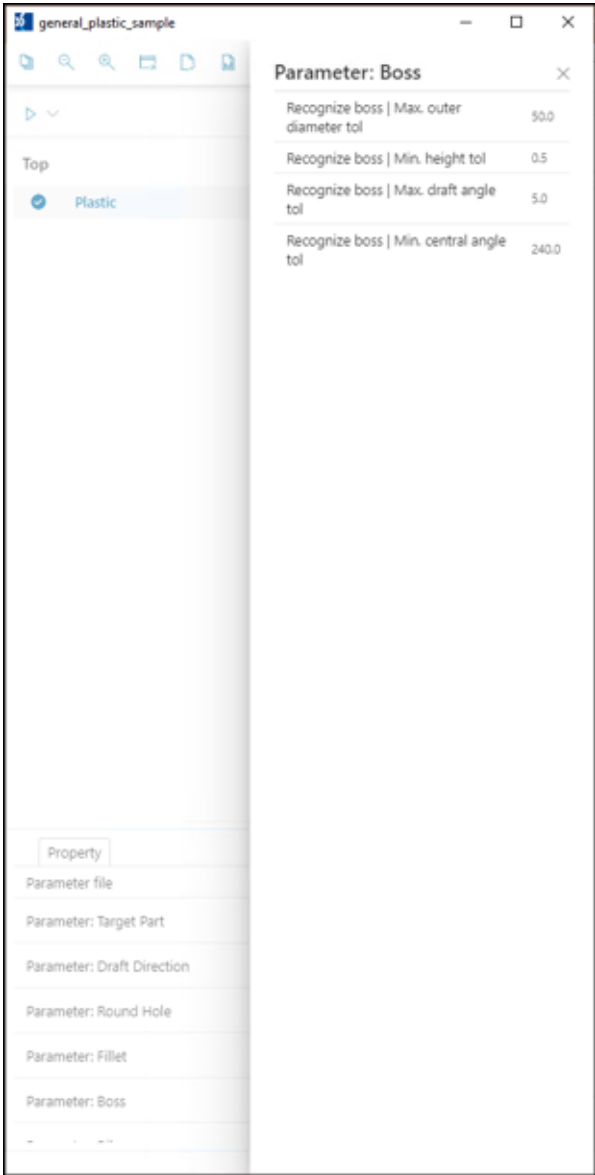


- Select an item on the first level in Item List to check the FAR version of the check result file, the start / end date and time, and the used parameter settings that are common for all check criteria per category in Property List.
  - Check the checkbox ☐ on the left of the item to select it, and then the properties will be displayed in Property List.



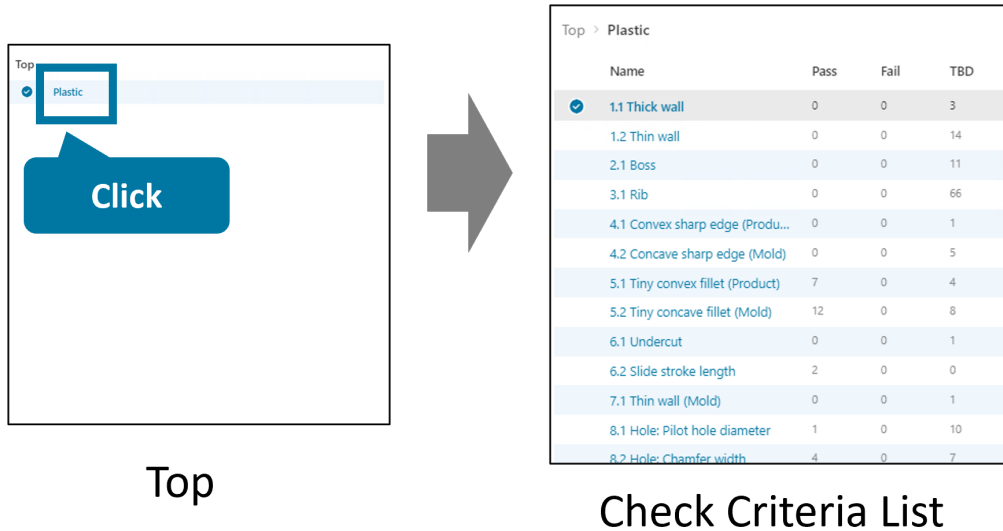


- Click to check the common parameter settings.



## 7. Analyze Result Summary

1. Move to Check Criteria List level in Item List to check the summary of the check result.
  - Select a check type in Item List to move to Check Criteria List level.

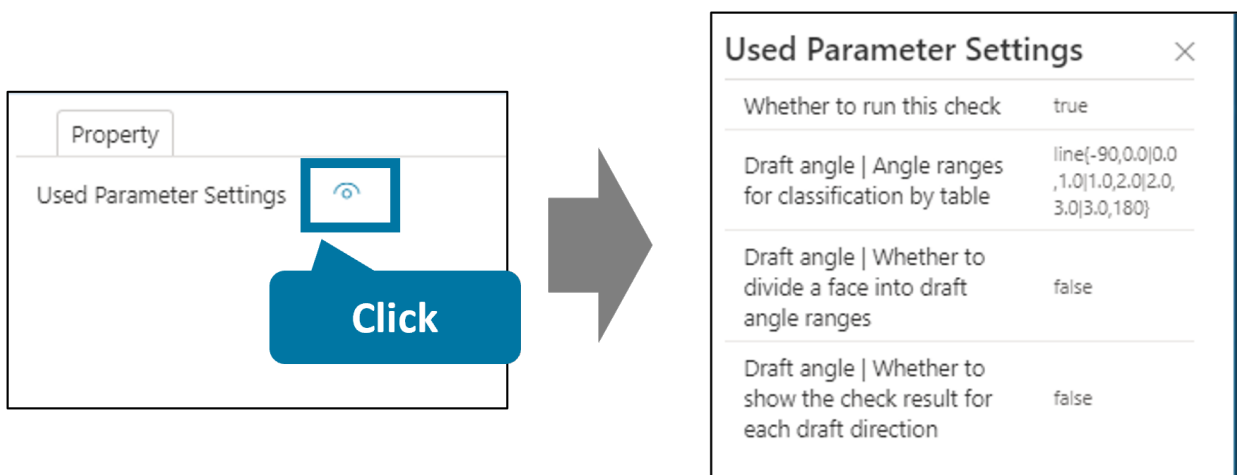


### 7.1. Check Evaluation Status ([Pass] / [Fail] / [TBD])


- The check result summary is shown per check criterion in Item List.  
After the check, checked areas that passed will be counted as [Pass], and those that did not pass will be counted as [TBD].
- Item List will be updated as you update the value for Evaluation property in Property List.

### 7.2. Check Used Parameter Settings


- Click  to check the parameter settings for the selected check criterion.




## 7.3. Check Explanation of Check Criteria


- Click  at [Check Criterion Overview] in [Property (Property)] List to show an image that explains the corresponding check criterion.
  - Please refer to Check Item Guide for the details about each check criterion. Check Item Guide is versioned per product release, and downloadable from the dedicated URL. Please contact to your system admin if missing.

Top > Plastic

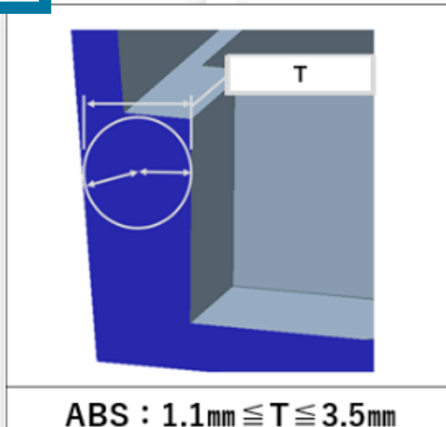
Name	Pass	Fail	TBD
 1.1 Thick wall	0	0	29
1.2 Thin wall	0	0	14
2.1 Boss	0	0	11
3.1 Rib	0	0	66
4.1 Convex sharp edge (Product)	0	0	1
4.2 Concave sharp edge (Mold)	0	0	5
5.1 Tiny convex fillet (Product)	7	0	4
5.2 Tiny concave fillet (Mold)	12	0	8

Property

Used Parameter Settings 

Check Criterion Overview 

**Click**



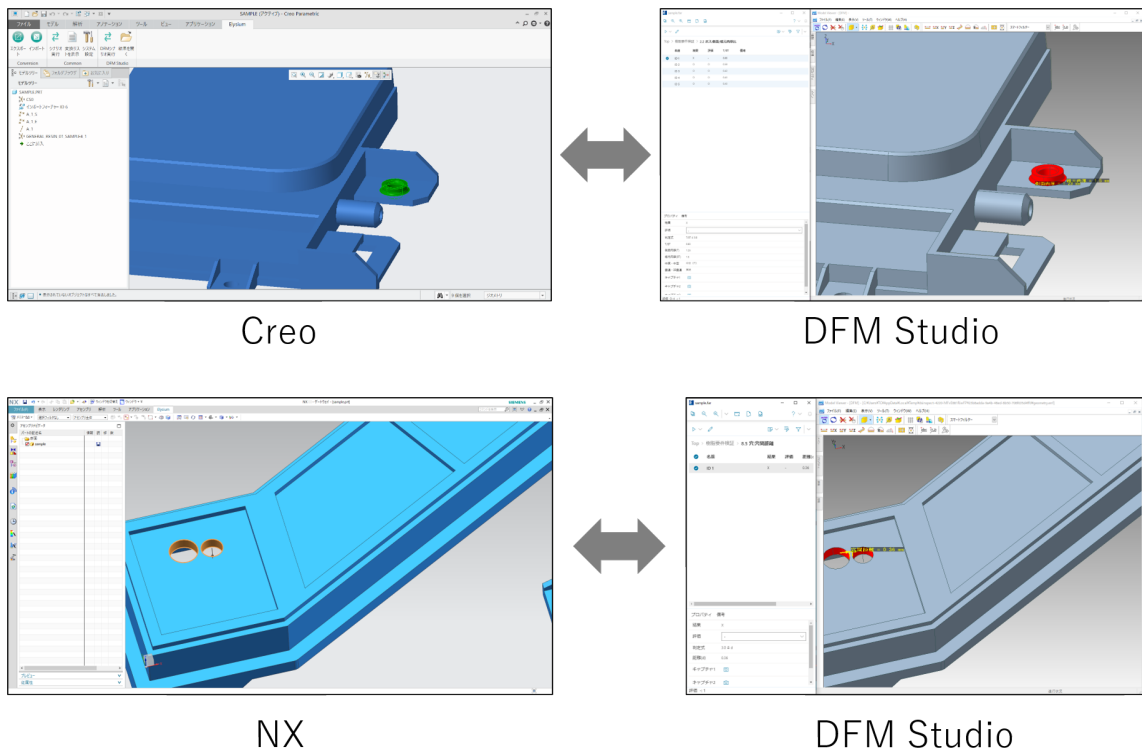
ABS : 1.1mm ≤ T ≤ 3.5mm

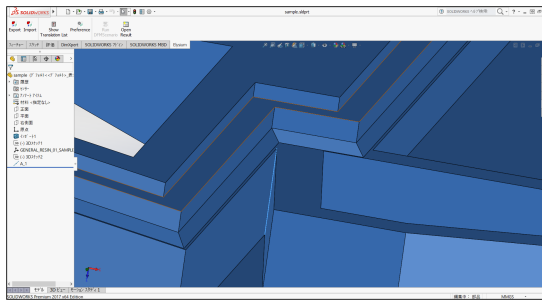
## 8. Analyze Result in Detail

1. Move to Checked Area List level in Item List to check the details of the check result.
  - Select a check, and then a check criterion in Item List to move to the Checked Area List.

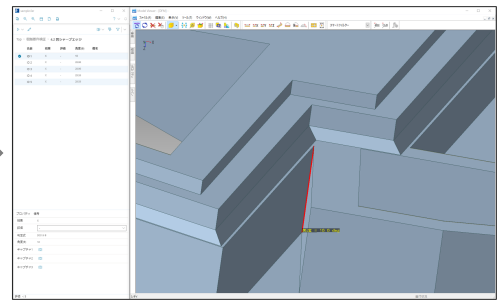


2. Select a checked area in Checked Area List level to analyze it in detail in Model Viewer.
  - The following details will synchronize between the 3D model in CAD system and the 3D model in Model Viewer when opening the check result file from the CAD plug-in.
    - Viewpoint
    - Highlight on the part, face, edge, or vertex





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- The 3D view synchronizes under either of the following conditions.

**When opening a part model (\*.far) in Model Viewer**

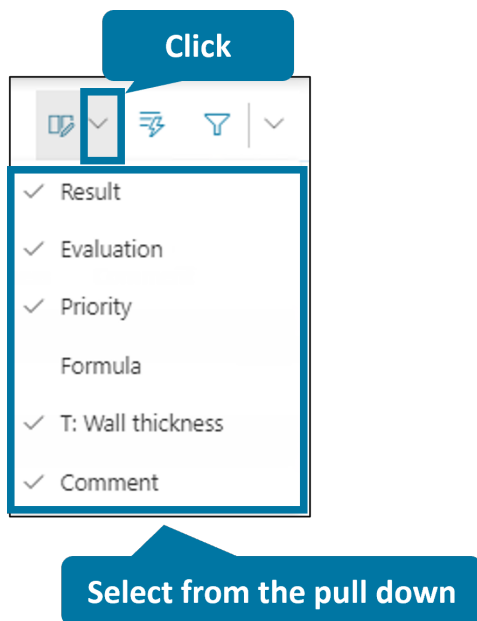
- The part with the same part name is opened in the CAD system.
- The parent assembly model is opened in the CAD system, and the part with the same part name is activated (or set to "work part" in NX).

**When opening an assembly model (\*.far) in Model Viewer**

- The assembly with the same assembly name is opened in the CAD system, and the top assembly is activated.

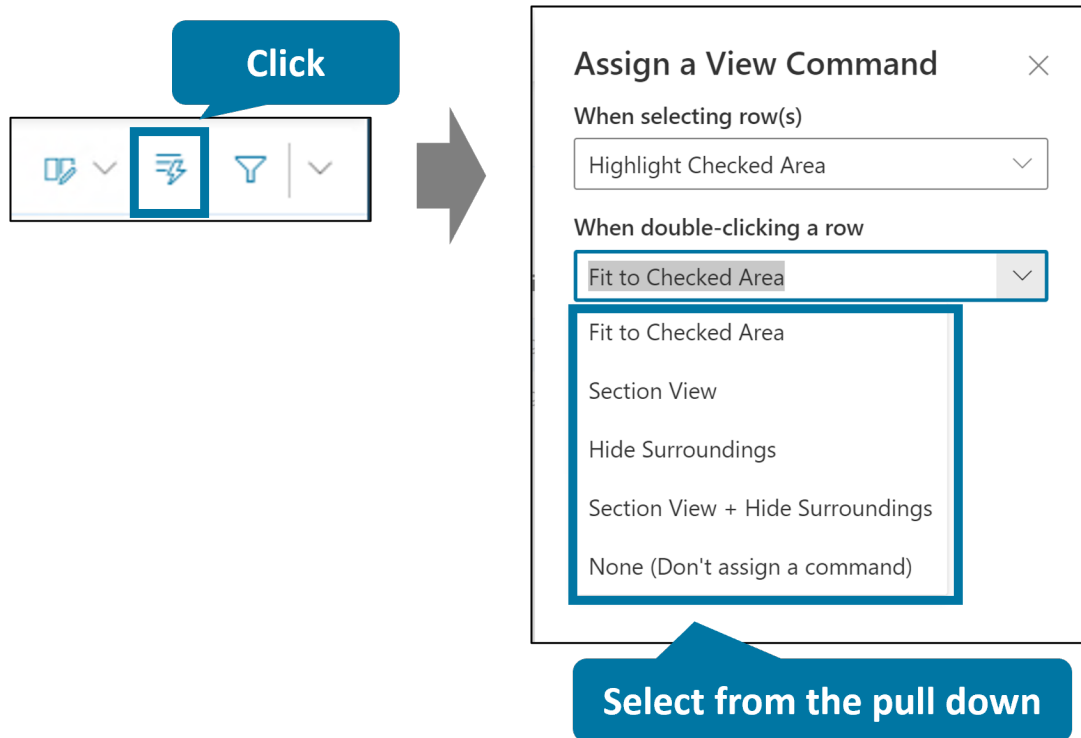
## 8.1. Analyze Checked Area in Detail

- Select a checked area in Item List, and its property values will be displayed in Property List. Please refer to "DFM\_Studio\_CheckItem\_Guide\_Plastic/Sheet-metal\_en.pdf" for the properties for each check criterion.
- You can also show the property values in Item List.
  - Add / Remove properties to show in Item List from [Command Bar] > [Show/Hide Column].

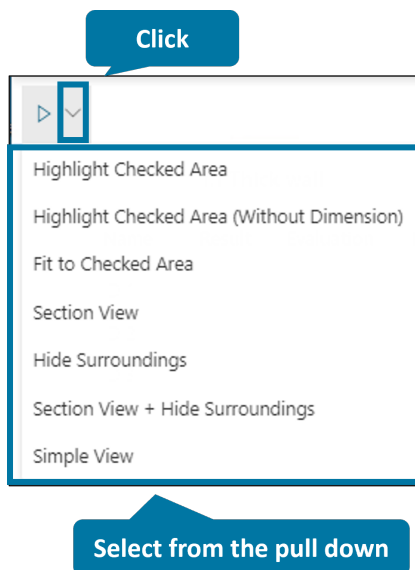


## 8.2. Switch View Mode of 3D View

- Switch the view mode of 3D View of Model Viewer from Inspector by selecting one of the following three ways.
  - Set up the view mode for selecting / double-clicking an item in Item List from [Command Bar] > [Assign a View Command].
    - Select [None (Don't assign a command)] not to assign a view command for selecting row(s) or double-clicking on a row.



- Click [Command Bar] > [View Operation] to switch the view mode.



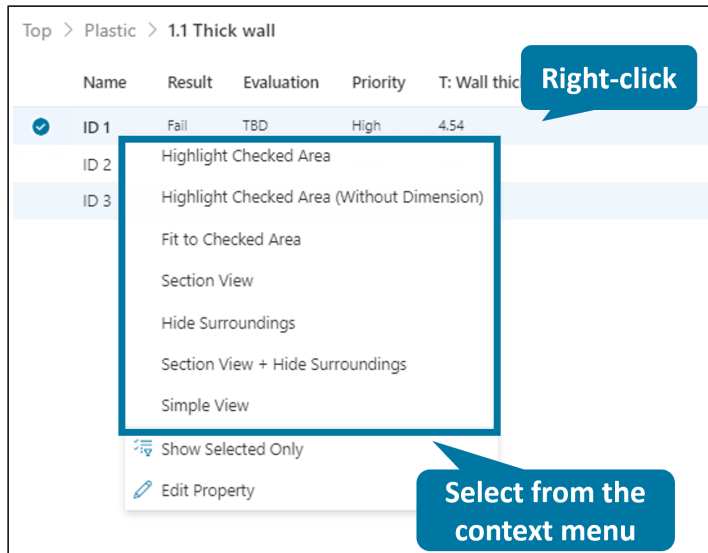
- Select an item in Item List, and right-click to switch the view mode from the context



menu.

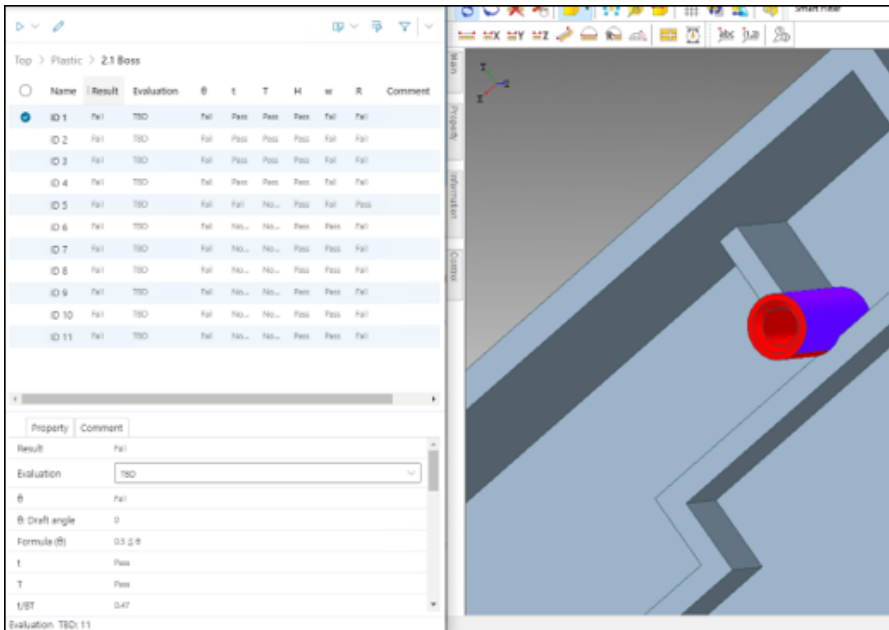


Please note that the view mode will be switched to the default mode set from [Command Bar] > [Assign a View Command] when selecting / double-clicking another item in Item List.



## 8.3. Select Checked Area in 3D View

Select an element in 3D View of Model Viewer to check the corresponding checked area in Inspector.



- Move to Checked Area List level in Item List, and then select an element (a face or an edge depending on the check criterion) in 3D View. The corresponding checked area will be selected in Item List.
  - Please refer to [9, Filter Result](#) for how to filter Item List using this function.

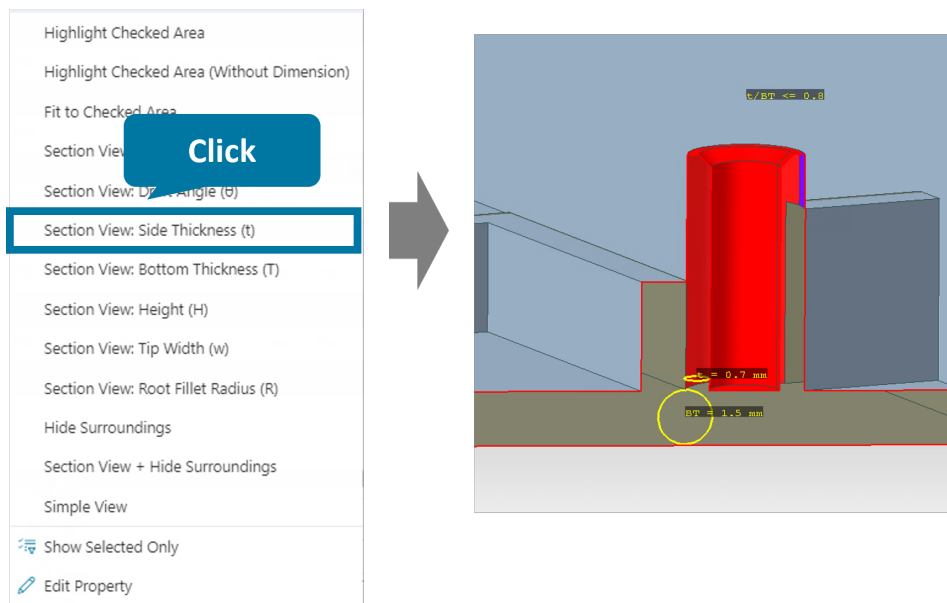
## 8.4. Analyze Boss / Rib

- Some features including Boss and Rib for plastic models require the evaluation based on many details.

Inspector shows the check result on such features collecting results on all related check criteria, and the overall judgment based on them.

The overall judgment on DFM check will appear in [Result] column. It will be marked as "Fail" when at least 1 criterion in that feature fails.

- Select a checked area in Item List, and select [Section View] from the context menu to analyze it in section view without dimensions and formulas, or [Section View <Check criterion>] to analyze it in section view focusing on that check criterion with the related dimension(s) and the used formula.
- Please refer to "DFM\_Studio\_CheckItem\_Guide\_Plastic\_en.pdf" for the details.



## 8.5. Analyze Draft Angle

- For some features including the draft angle for plastic models, Inspector shows the check result in multiple levels: the result overview on the first level, and the result details on the lower levels.
  - E.g., for the draft angle for plastic models, Inspector shows the overall judgment per draft direction on the first level, and the check result overview of each draft direction on the second level, and the result details of each draft direction on the third level.
    - Set "Draft angle | Whether to show the check result for each draft direction (CheckEachErrorArea.Flag)" parameter to "true" to enable this display method. (This is set to "false" by default.)
    - Please refer to "DFM\_Studio\_CheckItem\_Guide\_Plastic\_en.pdf" for the details.

The diagram illustrates the navigation flow for analyzing draft angles in DFM Studio Inspector:

- Click** on the draft direction (ID 1) in the overview table.
- Move to the lower level** to view the detailed check results for that draft direction.
- Click** on the "Checked area list" to view the detailed results for each checked area.

**Fail results are shown by each area**

**Pass results are listed per draft angle**

**Table 1: Draft Angle Overview**

Name	Result	Evaluation	Draft direction	Comment
ID 1	Fail	TBD	Cavity direction	
ID 3	Fail	TBD	Slide direction	
ID 4	Fail	TBD	Slide direction	
ID 5	Fail	TBD	Slide direction	
ID 6	Fail	TBD	Slide direction	

**Table 2: Checked Area List (for ID 1)**

Name	Result	Evaluation	Angle range	Comment
ID 44	Fail	TBD	0.0 _angle < 1.0	
ID 45	Fail	TBD	0.0 _angle < 1.0	
ID 46	Fail	TBD		
ID 47	Fail	TBD		
ID 48	Fail	TBD		
ID 49	Fail	TBD		
ID 50	Fail	TBD		
ID 51	Fail	TBD	0.0 _angle < 1.0	
ID 52	Fail	TBD	0.0 _angle < 1.0	
ID 53	Fail	TBD	0.0 _angle < 1.0	
ID 54	Pass	Pass	-90.0 _angle < 0.0	
ID 55	Pass	Pass		
ID 56	Pass	Pass		
ID 57	Pass	Pass		

**Table 3: Detailed Check Results (for ID 1)**


Property	Comment
Result	Fail
Evaluation	TBD
Draft direction	Cavity direction
Angle range	0.0 _angle < 1.0
Capture #1	[Image]
Capture #2	[Image]
Capture #3	[Image]

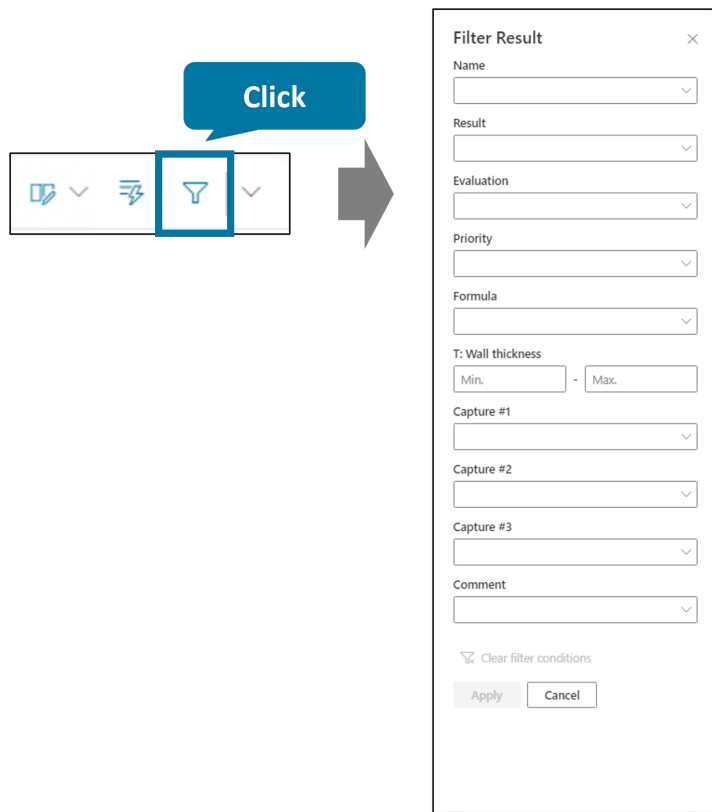
## 9. Filter Result

- Click a column header to sort Item List by the value in that column.
  - An arrow on the right of the column header shows the sort order, ↓ for the descending order, and ↑ for ascending order.

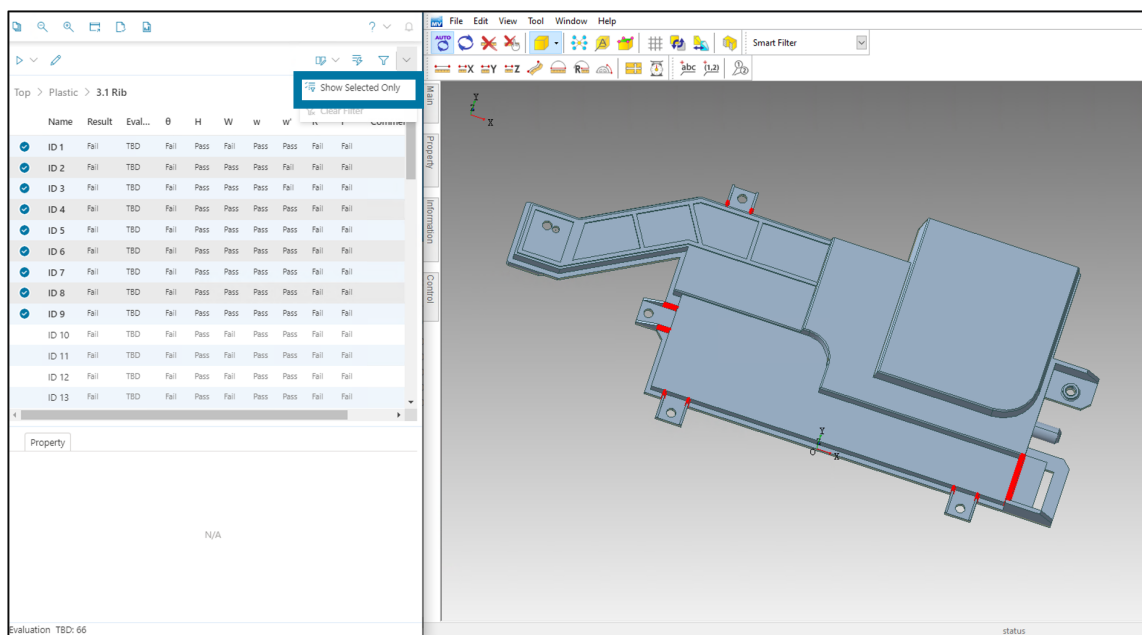
**Click**

Top > Plastic > 1.2 Thin wall					
Name	Result	Evaluation	Priority	T: Wall thickness ↓	Comment
ID 14	Fail	TBD	High	1	
ID 13	Fail	TBD	High	0.8	
ID 12	Fail	TBD	High	0.8	
ID 11	Fail	TBD	High	0.8	
ID 10	Fail	TBD	High	0.8	
ID 9	Fail	TBD	High	0.8	
ID 8	Fail	TBD	High	0.8	
ID 7	Fail	TBD	High	0.8	
ID 6	Fail	TBD	High	0.8	
ID 5	Fail	TBD	High	0.76	
ID 4	Fail	TBD	High	0.65	
ID 3	Fail	TBD	High	0.65	
ID 2	Fail	TBD	High	0.65	

- Click [Command Bar] > [Filter Result], and then set the filtering condition to filter Item List.
  - The background color of [Filter Result] icon will change to  when filtering is active in Item List.
  - You can filter not only by Evaluation property value, but also, e.g., whether the height is lower than the specified value, whether a capture is set, whether a comment is added, and more.

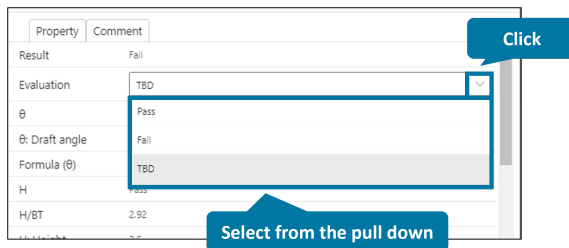


- Click [Command Bar] > [Clear Filter] to clear filtering.
  - Move to Checked Area List level in Item List, and then select an element (a face or an edge depending on the check criterion) in 3D View. The corresponding checked area will be selected in Item List.
- Click [Command Bar] > [Pull-down Menu] > [Show Selected Only] to show the selected checked areas only.

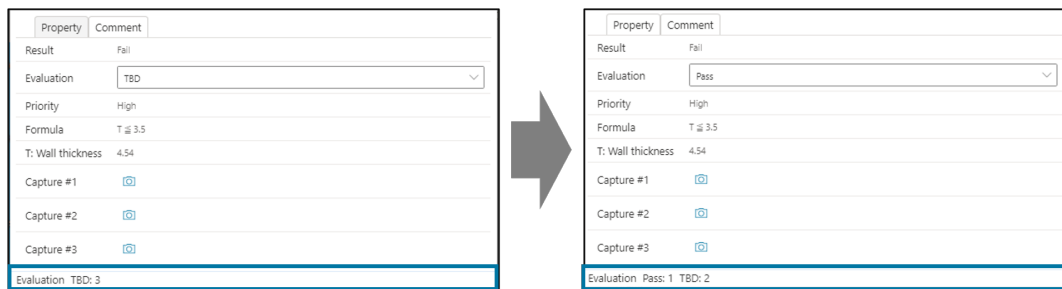






## 10. Update Result with Evaluation

- Update Evaluation property value in Property List to add the evaluation to each checked area.
  - The value [Pass] means that the checked area passed the check, [Fail] means failed, and [TBD] means the checked area needs to be determined, respectively. After the check, checked areas that passed will be marked as [Pass], and those that did not pass will be marked as [TBD].
  - Analyze checked areas marked as [TBD], and update Evaluation property value in Property List to [Pass] if it is fine as is, or [Fail] if it needs to be modified.



- Status Bar will be updated as you update Evaluation property value in Property List.

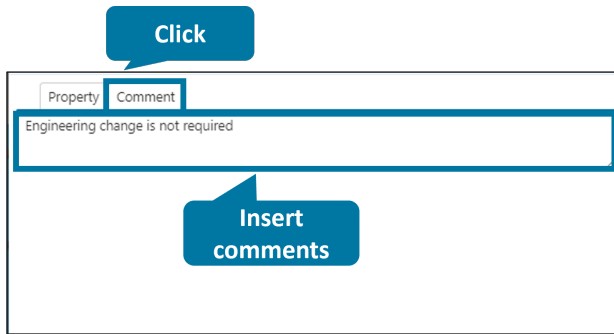


- Add a capture to each checked area at Capture #1 / Capture #2 / Capture #3 properties in Property List.
  - Click [Capture Current View ] to take a capture of 3D View in Model Viewer.
  - Click [Show ] to preview the saved view, [Delete ] to delete the saved view, and [Capture Current View ] to retake a capture.

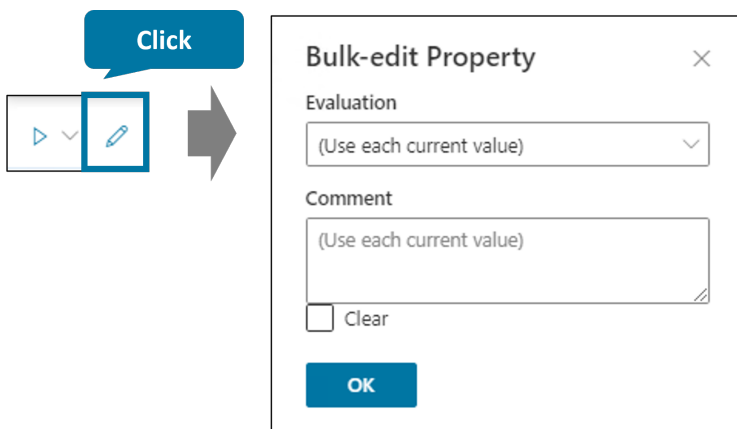



- Add a comment to each checked area at Comment property in Property List ([Comment])

tab).



- Select multiple checked areas, and then select [Bulk-edit Property] from the context menu to bulk-edit the property values (Evaluation, Comment).

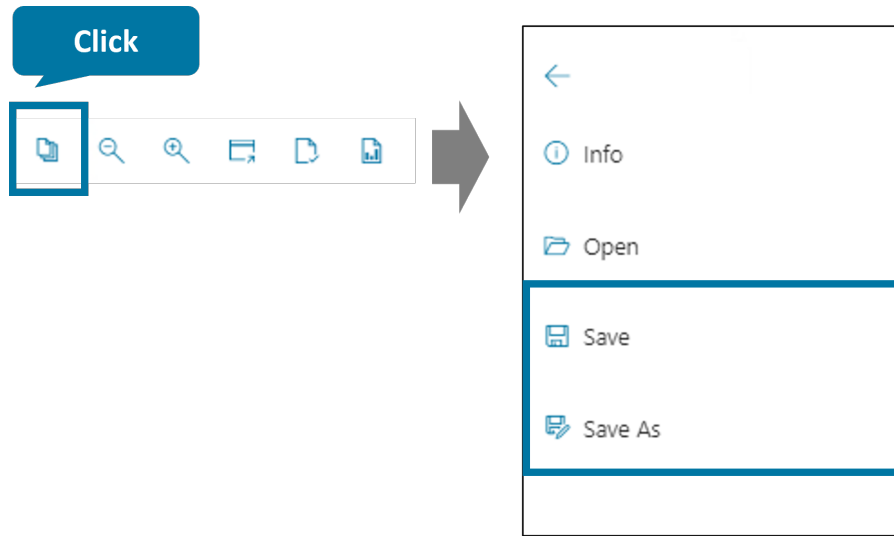


Please note that [Capture Current View ] will not function when Model Viewer is not launched from Inspector.



## 11. Save Updated Check Result (\*.far)

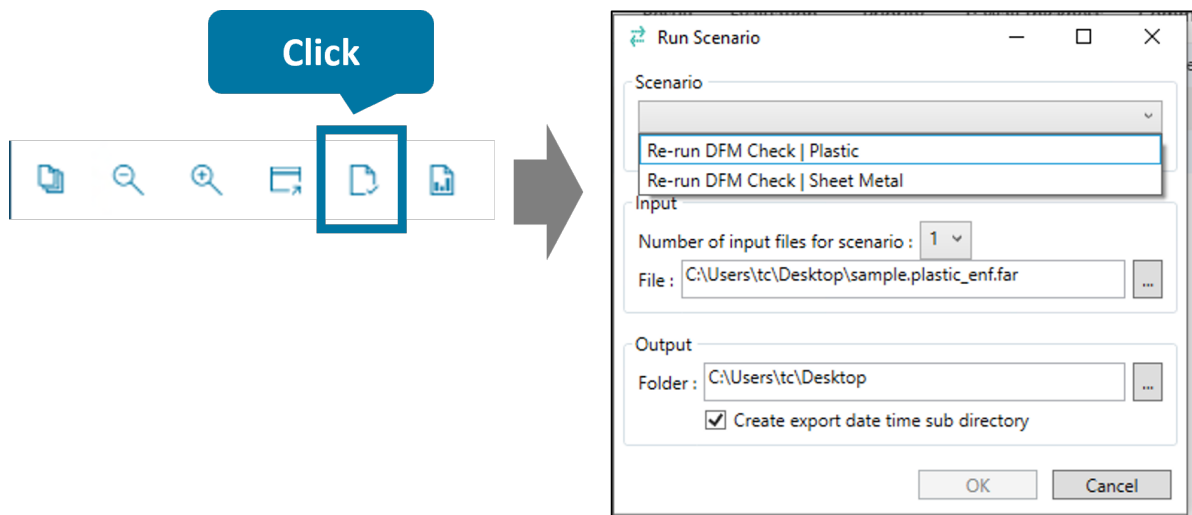
Select [Menu Bar] > [File] > [Save] / [Save As] to save the updated check result file (\*.far).



## 12. Re-run Check

Re-run check on the currently opened CAD model with different parameter settings.


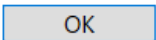

1. Select [Menu Bar] > [Re-run DFM Check], and "Run Scenario" dialog of ASFALIS SmartLauncher will appear.
  - The result file (\*.far) currently opened in Inspector will be auto-set as the input file.



- A message will appear to prompt you to save edits when unsaved changes exist.
2. Select a Scenario.
  3. Select parameter settings.
    - [default] is pre-set.
    - The administrator is authorized to register parameter settings on recheck beforehand, and the registered settings will also be available in the pull-down list.



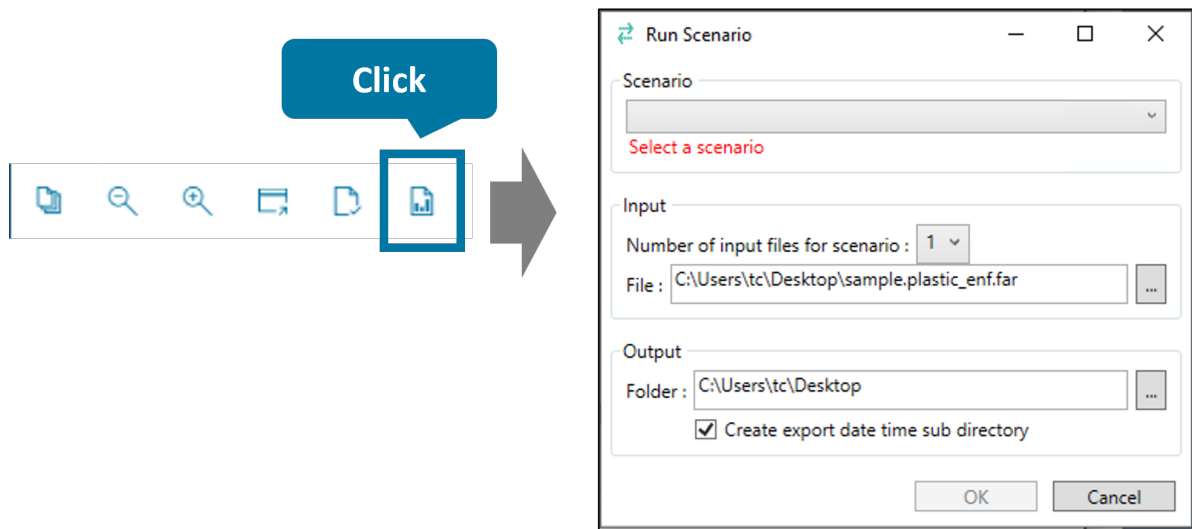
on the left of parameter settings means that it is registered by the administrator and is uneditable. Save it as a different name to customize for your needs.

- Click  to launch DFM Studio Parameter Settings Tool, and view the details of the selected setting, customize the registered settings, etc.
4. Specify the output folder.
  5. Click [OK ] to re-run check.
  6. Select a Job, and click [Open ] in the translation list of ASFALIS SmartLauncher to open the new result (\*.far) in Inspector once the Job is completed.

## 13. Export Report (\*.xlsx)


Export the check result report in Excel format as follows.

1. Select [Menu Bar] > [Export Report], and "Run Scenario" dialog of ASFALIS SmartLauncher will appear.
  - The result file (\*.far) currently opened in Inspector will be auto-set as the input file.




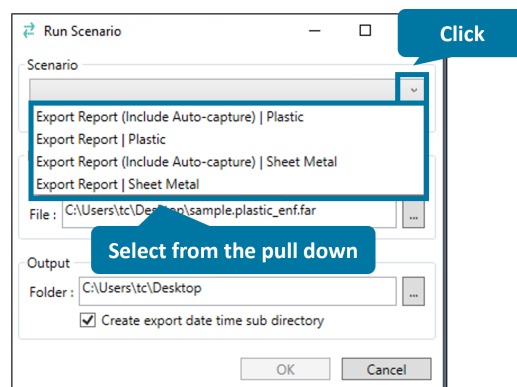
- A message will appear to prompt you to save edits when unsaved changes exist.
2. Select a Scenario.

### [Export Report | Plastic] / [Export Report | Sheet Metal] Scenario

- The check result report will include captures created with [Capture Current View ] only (no auto-captures).

### [Export Report (Include Auto-capture) | Plastic] / [Export Report (Include Auto-capture) | Sheet Metal] Scenario

- The check result report will include auto-captures as well as captures created with [Capture Current View ].




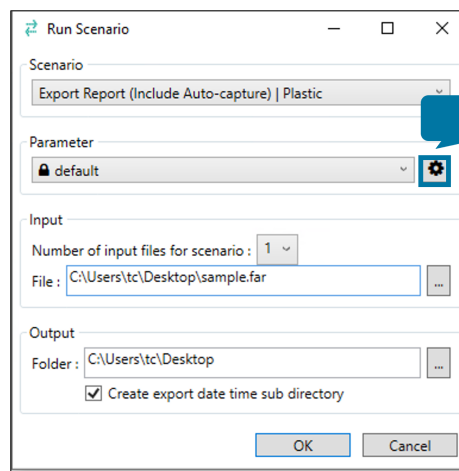
3. Select a parameter setting.

- [default] is pre-set.
- The administrator is authorized to register parameter settings on report export beforehand, and the registered settings will also be available in the pull-down list.



on the left of parameter settings means that it is registered by the administrator and is uneditable. Save it as a different name to customize for your needs.

- Click  to launch DFM Studio Parameter Settings Tool, and view the details of the selected setting, customize the registered settings, etc.



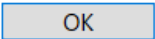

- Set parameters on report settings for your needs.

Parameter name	Description	Allowed values
Language Setting	Specify the language for the check result report (*.xlsx). This is set to "en" (English) by default when running DFM Studio in English.	"en": English "ja": Japanese "zh-CN": Chinese (Simplified)
Whether to export Fail areas only	Specify whether to limit the export target to Fail areas only. This is set to "FALSE" by default.	TRUE: Limit to Fail areas only FALSE: Don't limit (Export all checked areas (Pass / Fail / TBD))

Parameter name	Description	Allowed values
Whether to export Pass / TBD areas with comments	Specify whether to export Pass / TBD areas with comments in addition to Fail areas. This is set to "FALSE" by default. This is effective only when "Whether to export Fail areas only" parameter is set to "TRUE".	TRUE: Export Pass / TBD areas with comments as well FALSE: Don't export Pass / TBD areas with comments
Whether to export Pass / TBD areas with captures	Specify whether to export Pass / TBD areas with captures in addition to Fail areas. This is set to "FALSE" by default. This is effective only when "Whether to export Fail areas only" parameter is set to "TRUE".	TRUE: Export Pass / TBD areas with captures as well FALSE: Don't export Pass / TBD areas with captures
Number of used cores	Specify the number of cores to use in result report export (auto-capture generation) by a positive integer number. This is set to "1" by default. Please note that it may cause a high CPU consumption to set a large value. The specified value will be treated as "all cores" when it exceeds the total number of cores of the environment.	An integer number from "1" up to the total number of cores of the environment

None	Result report settings	For report	Language Setting	en
None	Result report settings	For report	Whether to export Fail areas only	FALSE
None	Result report settings	For report	Whether to export Pass / TBD areas with comments	FALSE
None	Result report settings	For report	Whether to export Pass / TBD areas with captures	FALSE
None	Result report settings	For report	Number of used cores	1

- Please refer to "DFM\_Studio\_Quick\_Start\_Guide\_en.pdf" for the details of report parameter settings using DFM Studio Parameter Settings Tool.

- Specify the output folder.
- Click [OK ] to export a report.
- Select a Job, and click [Open output directory ] in the translation list of ASFALIS SmartLauncher to open the output folder once the Job is completed.




It requires a license on DFM Studio Reporter to export check result reports.

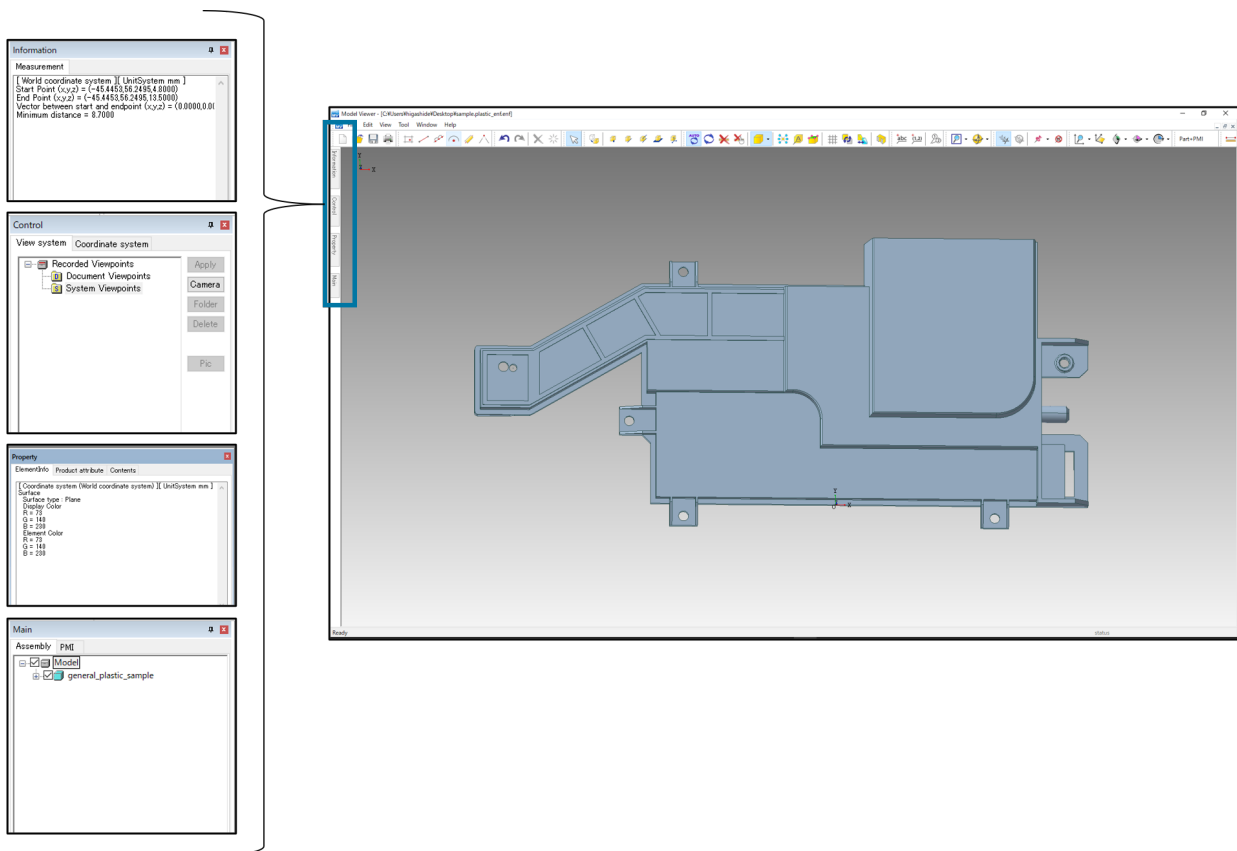
# 14. Model Viewer

This chapter explains the key features of Model Viewer. Please refer to Model Viewer Help file for details.

## 14.1. Panel

Each panel shows information of the currently opened CAD model. They are tabbed by default.

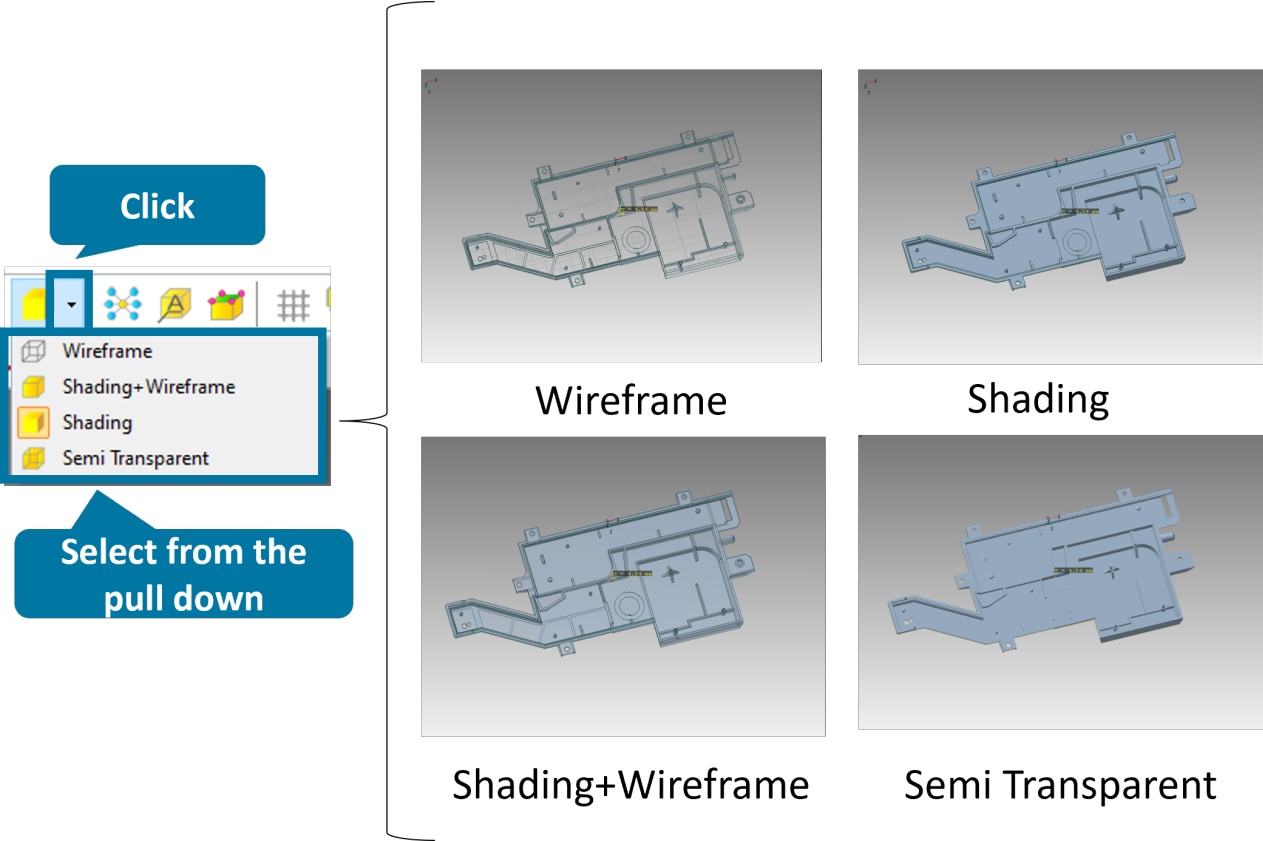
- Move the mouse over the tab on the left edge of the application window to open the panel.
- Click  at the top right corner of the panel to pin the panel.



Panel name	Description
[Main] panel	This is a panel to show the assembly structure. You can also show/hide elements in 3D View window.
[Property] panel	This is a panel to show properties and coordinates.
[Information] panel	This is a panel to show dimensions measured in Model Viewer.
[Control] panel	This is a panel to manage captures.

# 14.2. View Mode

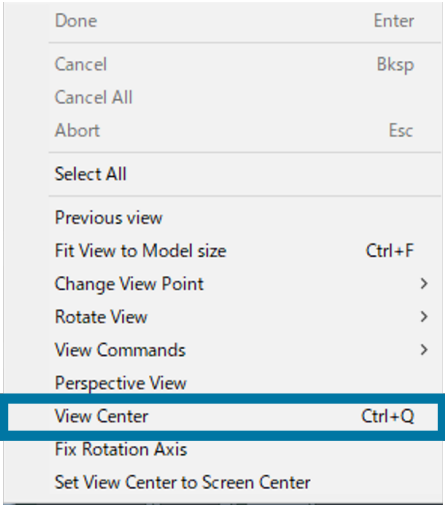
Switch the view mode as appropriate to increase the visibility.



# 14.3. Fix Rotation Center

Set the rotation center manually when the auto-set rotation center is not good.

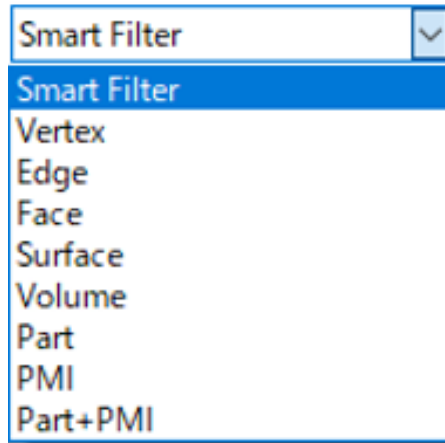
- 1. Right-click an empty space in 3D View and select [View Center] from the context menu, and then select an element to set the rotation center at where you clicked.





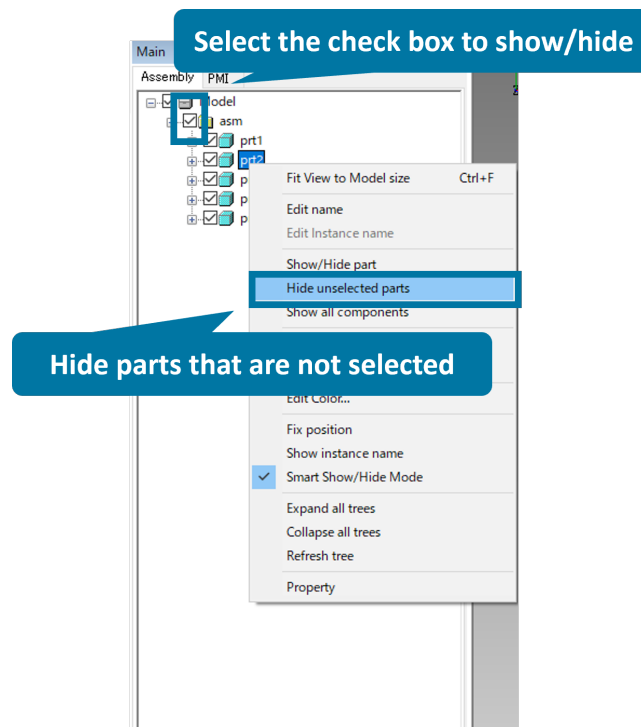
## 14.4. Smart Filter

Use Smart Filter to filter the selectable elements in 3D View by the element category. It is set to "Smart Filter" (no filtering) by default.



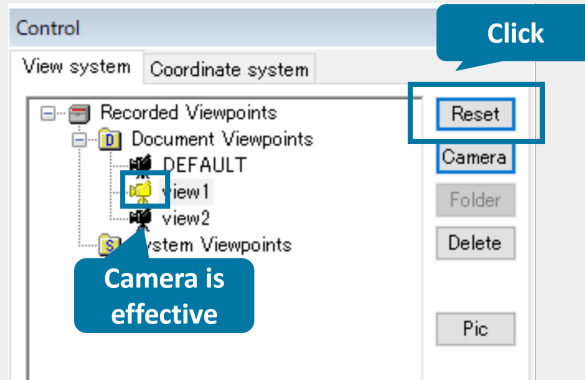
## 14.5. Show/Hide Part

Hide unnecessary parts to increase the visibility when analyzing an assembly model.



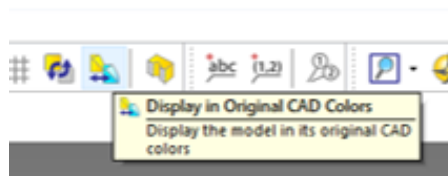
Please note that the active Camera set in [Control (View system)] panel will be prioritized.

Click [Reset] in [Control (View system)] panel beforehand when a Camera is active to show/hide desired part(s).



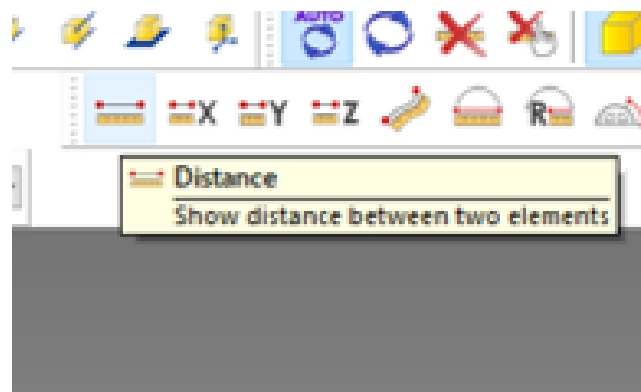
## 14.6. Display in Original CAD Color

Click [Display in Original CAD Colors] to show the CAD model in 3D View in its original colors. Otherwise, CAD models will be displayed in a basic single color (Model Viewer default color) so that you can easily distinguish the highlighted area from the rest.



## 14.7. Dimension

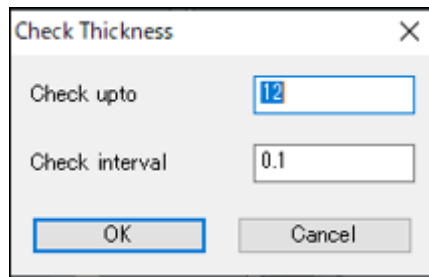
Use dimension tools to measure the distance between two elements.



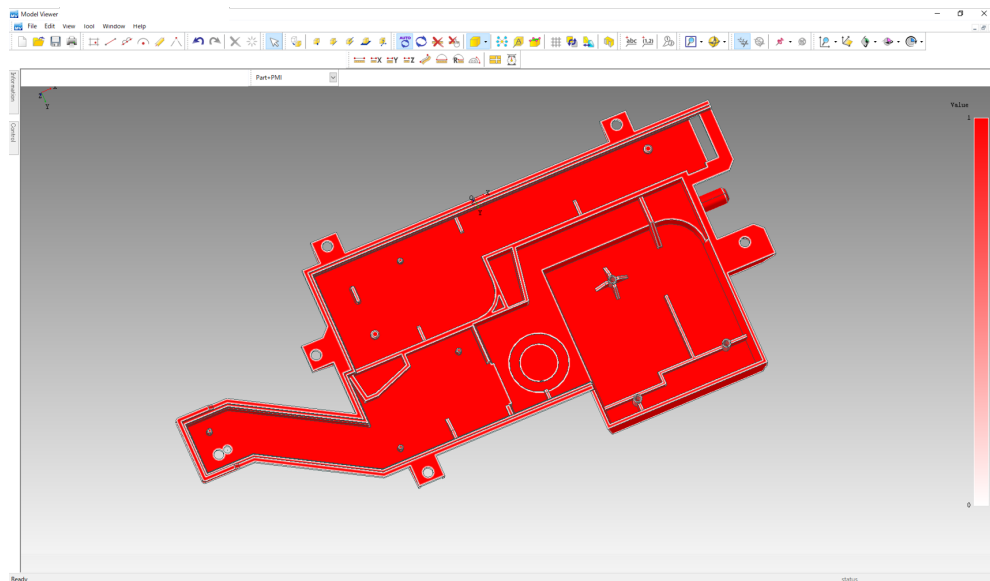
## 14.8. Check Wall Thickness (Entire Part)

Measure the wall thickness of the entire part. The result will be displayed in color map. This is effective when you wish to check the wall thickness distribution.

1. Select [Menu Bar] > [Tool] > [Analysis] > [Thickness] > [Check Thickness (Entire Part)].
2. Select the target part in 3D View or in [Main] panel when working on an assembly model. Skip this when working on a single part model.
3. Specify the maximum thickness to measure and the measurement interval, and then click [OK] in the dialog.

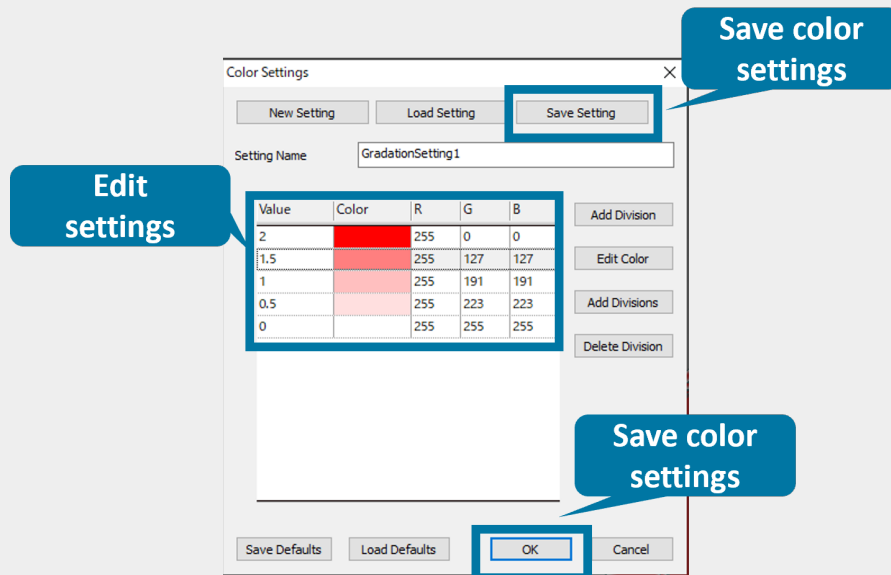


The result will be shown in color map once the measurement is completed.

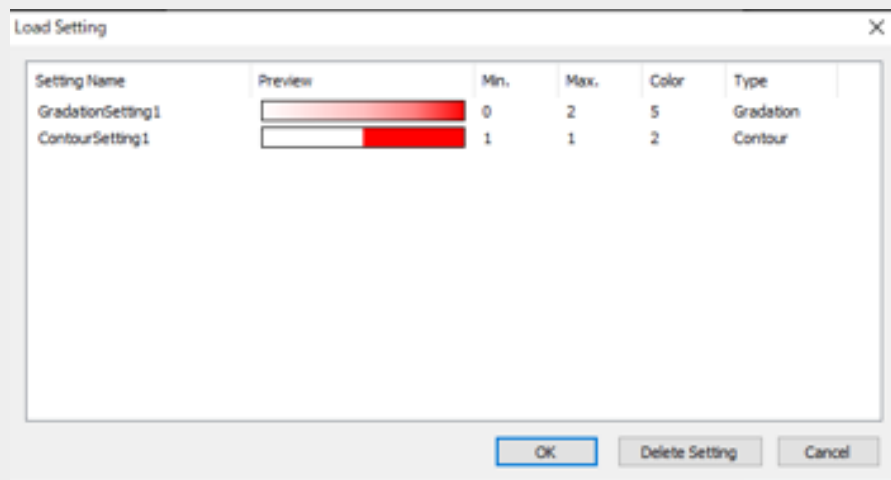


### How to customize the maximum thickness and the display settings

1. Select [Menu Bar] > [Tool] > [Analysis] > [Thickness] > [Display Settings].
2. Edit the display settings, and then click [OK] in the dialog. The customized settings will be discarded when closing Model Viewer.
3. Click [Save Setting] to save the settings.



4. Click [Load Setting] to apply another saved setting.

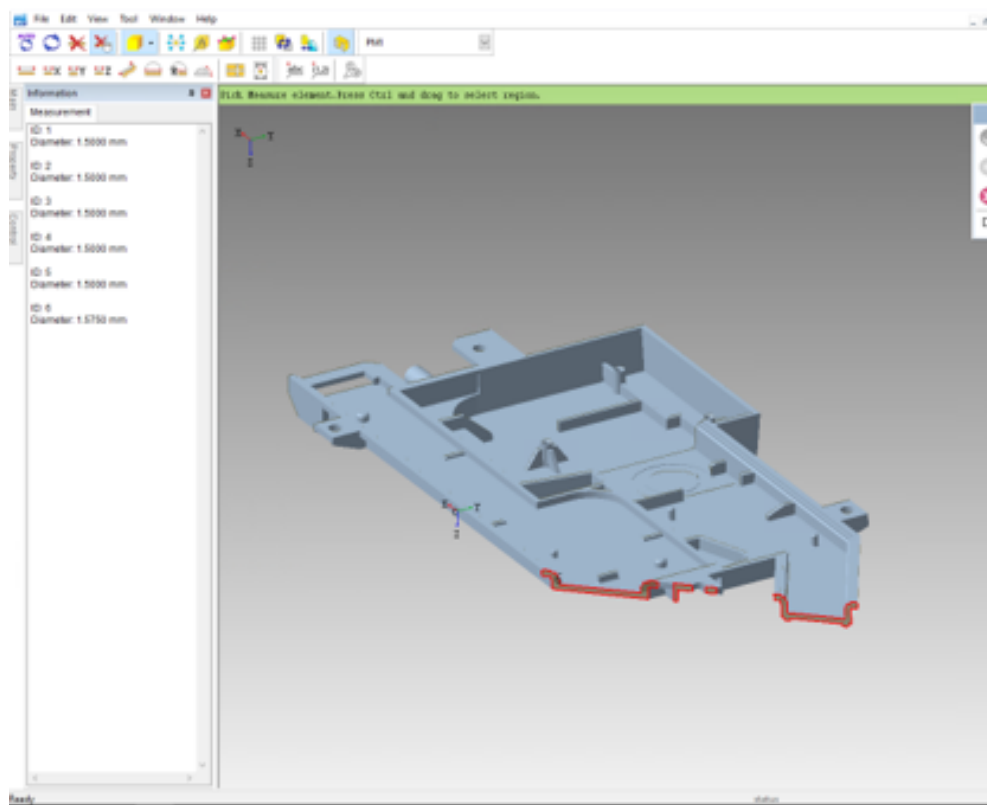


5. Select a setting, and then click [OK] in "Load Setting" dialog. The selected setting will be applied in "Color Setting" dialog.

## 14.9. Check Wall Thickness (Specified Point Only)

Measure the wall thickness of the specified point.

1. Select [Menu Bar] > [Tool] > [Analysis] > [Thickness] > [Check Thickness (Specified Point Only)].
2. Select a point on a face to measure the thickness. The target point will be indicated with an inscribed sphere, and the result will be shown in [Information] panel.



## 14.10. Display Settings - Configuration File

Edit the configuration file (\*.ini) as follows to customize the display settings of Model Viewer.

1. Create a configuration file to the following path.

```
<Model Viewer installation folder>\bin.x64\Addon\AddonDfmViewer.ini
```

2. Write "DfmViewer" section, and set the following parameter(s).

Parameter key	Description	Allowed values
ShowHidingElement	Specify whether to show the hidden lines.	true: Show hidden line
HiddenLineColorRatePerFace	Specify the brightness of the hidden lines by a positive integer number.	An integer number between "0" (dark) to "100" (same as the face color)
DrawLineComposingPolygonMesh	Specify whether to show the polygon lines except for the model outline.	true: Show polygon lines
HiddenLineWeightOfFace	Specify the line weight of the hidden lines by an integer number.	An integer number between "0" (light) to "5" (heavy)
HiddenLineColorOfPolygonMesh	Specify the line color of the hidden lines.	0: Black 1: Red 2: Green 3: Blue 4: Yellow 7: White

Here are sample settings for your reference.

```
[DfmViewer]
ShowHidingElement=true
HiddenLineColorRatePerFace=80
DrawLineComposingPolygonMesh=true
HiddenLineWeightOfFace=3
HiddenLineColorOfPolygonMesh=7
```

## 15. Configuration File

Edit the configuration file (\*.toml) with a text editor as follows to customize the settings of Inspector.

1. Create a configuration file to the following path when it does not exist there.

```
%APPDATA%\ELYSIUM\DFM Studio Inspector\config.toml
```

2. Set the following parameter(s).

Parameter key	Description	Allowed values
modelViewerAutoViewerStart	Specify whether to launch Model Viewer automatically when launching Inspector. This is set to "confirm" by default.	true: Launch automatically false: Don't launch confirm: Open a confirmation dialog every time
zoomFactor	Specify the default zoom factor of Inspector window. This is set to "0.9" by default.	A positive decimal number (E.g., "0.75", "1.2" )

Here are sample settings for your reference.

- To automatically launch Model Viewer when launching Inspector.

```
modelViewerAutoViewerStart = true
```

- To increase the default zoom factor of Inspector window to 115 percent.

```
zoomFactor = 1.15
```



Please ensure to place a single half-width space before and after the equal sign ("=").

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