

# RELEASE NOTES Altair<sup>®</sup> Inspire<sup>™</sup> PolyFoam 2022.1 and 2022.1.1



## **New Features and Enhancements 2022.1**

Altair Inspire PolyFoam 2022.1 includes the following new features and enhancements.

## **Release Highlights**

#### **Non-Woven Tool**

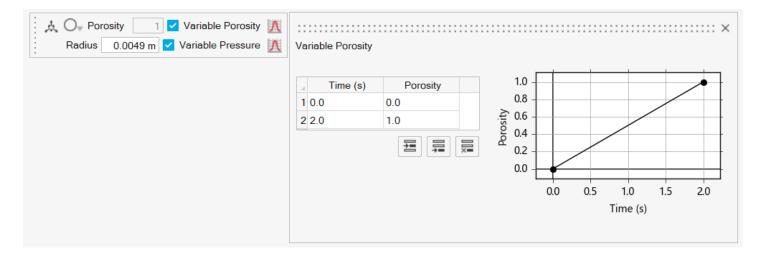
You can now create a non-woven backing cloth in your model, and specify the backing cloth's thickness, porosity, conductivity, and slip factor.



#### Additional Changes and Enhancements for 2022.1

• Point Vents now have a variable porosity option.





## **Resolved Issues**

Fixed an issue where analysis results would map to the mold's surface instead of the part's surface when a mold is present.
 IPFM-408

## **New Features and Enhancements 2022.1.1**

### **Resolved Issues**

Added new files to minimize false positives detected by antivirus programs

# Learn More About Inspire

You can learn more about new and existing features in Inspire using the following resources:

#### In-Application User Assistance

Inspire provides two types of user assistance. **Enhanced tooltips** appear when you hover over icons and other features. They describe what the tool does.





Workflow help appears when you select a tool that opens a guide bar or microdialog. The text prompts you what to do next.

| ≡   | Find | ← | $\rightarrow$ | $\bowtie$ | <ul> <li>Partition All</li> </ul> |
|---|------|---|---------------|-----------|-----------------------------------|
| Click a selected feature to partition it. $\square 4 \ >$ |      |   |               |           |                                   |

Click  $\stackrel{\checkmark}{\sim}$  to view additional tips and shortcuts. Some tools also include a video  $\square$ .

| =   | Find  | ←                             | $\rightarrow$ |  | Partition All |  |  |
|---|---|-------------------------------|---------------|--|---------------|--|--|
| Click a   | Click a selected feature to partition it. 🖾 🌣 |                               |               |  |               |  |  |
| Holes and pockets are automatically selected<br>and shown in red, but you can manually select<br>faces as well. |   |                               |               |  |               |  |  |
| ۳   | Parti   | Partition a selected feature. |               |  |               |  |  |
| Ctrl+   | Add/  | Add/remove from selection.    |               |  |               |  |  |
| Del   | Rem   | Remove a partition.           |               |  |               |  |  |
| F1  | Shov  | Show Help                     |               |  |               |  |  |

#### **Online and Offline Help**

Press F1 or select File > Help > Help to view the online help.

| Altair Inspire™                         |   |   |
|---|---|---|
| Q Search                                |   |   |
|   |   |   |
|   |   |   |
| NEW                                     | 000                                       |   |
| What's New                              | Get Started                               | Tutorials   |
| Discover new features and enhancements. | New to Inspire? Learn the basics<br>here. | Start using Inspire with our interactive tutorials. |

You can download an offline version by selecting **File > Help > Download Offline Help**. An internet connection is required to download.



|   | New             |   | Help Options  |  |  |
|---|-----------------|---|---|--|--|
|   | Open            |   | Help<br>Open the help for Inspire   |  |  |
|   | Open Recent     | ۲ | Download Offline Help   |  |  |
|   | Import          |   | Download and install offline help for Inspire Tutorials Download and install offline help for Inspire |  |  |
|   | Revert          |   |   |  |  |
|   | PDM             | ► | What's New  |  |  |
| B | Save            |   | Read about the latest enhancements  |  |  |
|   | Save <u>A</u> s |   | About Inspire<br>Display important information about Inspire  |  |  |
|   | Save Selected   |   | Contact Support<br>Contact Altair support   |  |  |
|   | Screen Capture  | ► |   |  |  |
| ? | Help            |   |   |  |  |
|   | Licensing       |   |   |  |  |
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