ANSYS **GRANTA**

Release Notes: Senvol Database™ Data Module for GRANTA MI

December 2019 Release

The **Senvol Database™** data module is the first and most comprehensive source of suppliers' data on industrial additive manufacturing (AM) machines and materials. This will enable you to quickly find and compare the performance of AM materials and machines, and understand the dependency between material and machine, in this rapidly growing industry focused on the production of low volume, highly complex and custom parts.

How can accessing or installing this release help you?

This updated and enhanced version of **Senvol Database™** data module for GRANTA MI will enable you to:

- Access the latest data on materials and industrial machines in the rapidly developing field of additive manufacturing

- Directly compare the performance of material produced by AM and conventional technology

- Quickly search, identify and compare AM material grades based on their general material type (e.g. Titanium alloy Ti-6Al-4V)

- Differentiate between true grades and grades with similar characteristics (e.g. ABS vs ABS-like)

What's new in this release?

- Data for over 600 new materials processed by additive manufacturing—increasing the dataset to over 2300 AM materials.

- Data for over 220 new industrial AM machines—increasing the dataset to over 1180 AM machines.

- New datasheets added for over 35 materials produced by conventional technology—enabling a direct comparison between material produced by AM and conventional technology.

- Revised 'Similar conventional material' attribute. Available options have been standardized and consolidated—enabling AM materials to be quickly identified by material type (e.g. Titanium alloy Ti-6Al-4V)

- The classification of AM materials was updated to facilitate searching for the specific alloy in the tree structure.

System requirements

This data module release is compatible with GRANTA MI Version 11 or above.

For instructions on adding the database to your GRANTA MI system, see the installation documentation for your GRANTA MI release.

Further information and contact details

Additional information about this and other Granta data modules is available on the [Full Materials Data Listings](#) page of the Granta Design website.

If you have further questions, please [contact us](#).