/ Manage Vital Materials Knowledge

Design and simulation teams need the right materials data as input. That is why many leading engineering enterprises implement Ansys Granta MI for enterprise-wide materials information management. But what if an organization wants to get started quickly, with a focused solution?

Ansys Granta MI Pro makes it easy to build a materials database that combines company-approved proprietarty data with valuable reference data from Ansys Granta. The database is accessible through embedded apps in NX™ CAD or Ansys Workbench® CAE. Engineers can search materials and assign to their CAD or CAE model in just a few clicks. They can also use a web app to access more detailed property data, reviewing and comparing materials before assignment. Apply the associated data using density data for weight roll-ups in CAD or complex materials models to support advanced simulations. Easily reapply assignments made in CAD into CAE. Save time and avoid inconsistent data use. Guarantee that the right material models are used every time.

- Increase productivity: enabling your team to find data fast and avoid duplicated effort.

- Save costs and time and reduce risk by avoiding errors that can lead to delay.

- Ensure materials consistency across your team and between CAD d timlgsMATELALS

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A Library of Material Properties and Models

Granta MI Pro is preloaded with materials data for design and simulation from Ansys Granta, the leader in materials information. More than 700 datasheets cover MC /P on. Morde Geaials GaⅢrⅢr of tlasEM,-Ⅱailthe Gr /P Lang Ⅱn-USⅮMCⅠⅮ ⓥⒷⒹC BTⅮ 0 ⅢⅦⅢmⓄ 0han 7ph. Grantaicale leayape
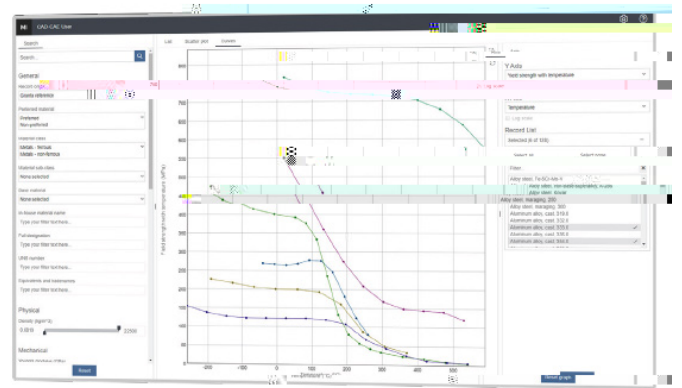

Figure 2.

Figure 3. Users can search, browse, and compare materials property data via the Granta MI Pro web app before assigning a material in CAD or CAE.

What do I Buy?

Granta MI Pro Server provides the core database system and data import and management tools. The Granta MI Pro Server license also includes materials reference data for simulation from Granta.

A Granta MI User license is required for each user of the system. This enables users to access and apply the data in the database using the Granta MI:Materials Gateway app within their NX CAD system or Ansys Workbench CAE system. Support for further CAD and CAE systems will be added in future releases.

More information and case studies: www.ansys.com

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