

ANSYS Materials in 2019 R3

Materials:

1. This release introduces **ANSYS GRANTA** Selector. Based on 25 years of materials selection technology embodied in the earlier CES Selector products, the new Selector offers a refreshed look, great new features and integration with ANSYS products.

GRANTA facilitates-

- smart materials choices through a comprehensive materials data library and a series of tools for filtering, analyzing and applying the data.
- It delivers optimized data for comparisons, equivalency studies and selection of metal grades, improved support for simulation and an enhanced user experience.
- ANSYS GRANTA Materials Data for Simulation is now accessible through ANSYS Electronics Desktop for electromagnetics simulation.
- The latest release extends coverage to include key electromagnetic properties, along with mechanical and thermal properties.
- With 700-plus records across many important materials classes, the materials database minimizes data search and conversion time.
- The same enlarged dataset is available in ANSYS Mechanical.