I-DEAS® Material Data Catalog – MDLA

links master models to various material properties

Materials Data Library for Analysts

The I-DEAS® Material Data Catalog - MDLA catalog consists of more than 450 records covering thermoplastics, thermosets, elastomers, ceramics, composites, metals, wood, and glass. The MDLA is developed using the following data sources:

•Manufacturer's technical manuals and data sheets.
•Direct contact with manufacturer's technical personnel.
•In-house synthesis/interpolation techniques.
•Recognized textbook sources.
•Trade magazines.

Properties

I-DEAS Material Data Catalog - MDLA includes mechanical property data commonly needed for engineering analysis including:

•Young's Modulus
•Shear Modulus
•Poisson's Ratio
•Yield Strength
•Ultimate Strength
•Elongation
•Density
•Coefficient of Thermal Expansion
•Thermal Conductivity
•Specific Heat

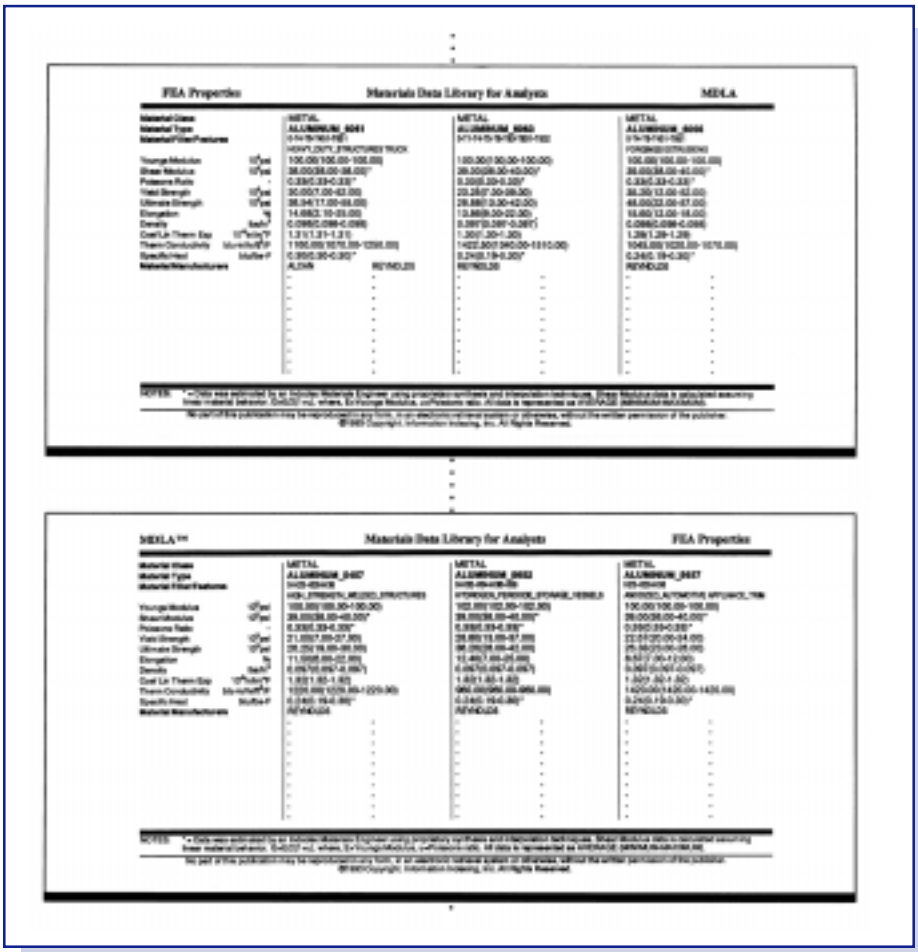
Nominal properties and property ranges are provided for all materials. Temperature-dependent data, when available, is provided. References to specific manufacturers are included.

Prerequisite

Core Master Modeler
-or-
I-DEAS Product Design Package
-or-
I-DEAS Artisan™ Package
-or-
Core Simulation

For More Information

For more information, contact your local SDRC representative or call 1-800-848-7372.



MDLA