

FEA MATERIAL LIBRARY BENEFITS NEIWORKS USERS

Noran Engineering (Westminster, CA; nenastran.com)

announced that users of its **NEiWorks** embedded FEA system for SolidWorks can now access and import material properties from data provider **MatWeb** (Blacksburg, VA; matweb.com).

MatWeb has developed an online searchable database of more than 50,000 materials that contains property values on the full range of engineering thermoplastics, thermosets, metals, super alloys, ceramics, semiconductors, fibers, and other engineering materials. The MatWeb information can be downloaded easily and accurately into NEiWorks.

The library allows product development engineers to test designs virtually using FEA for structural, thermal, and dynamic performance. Access to the database will help speed up product design cycles and improve quality by providing a fast way to identify and validate the exact material needed to optimize a part design and satisfy quality assurance requirements.

For more information, visit nenastran.com or matweb.com.

*The **Material Properties Library for NEiWorks** from **Noran Engineering** and **MatWeb** garnered the most votes in our December 2005 issue. Vote for your favorite product from this issue under Products at deskeng.com.*

