Getting Started with Knovel

Technical information and interactive tools for engineers

Engineers rely on Knovel for fast access to a range of trusted information including:
- Best practices
- Process improvement
- Safety & compliance
- Disruption resolution
- Energy efficiency
- Failure analysis
- Disruption resolution
- Energy efficiency
- Failure analysis
- New technologies
- Product design and development

Engineers at the world's most innovative companies and leading universities rely on Knovel to quickly locate relevant and reliable technical information

“The immediate access to relevant technical information to carry out projects is absolutely an essential part of my job. This leads to few errors and a cost effective solution for Celanese.”

– Lead Engineer, CELANESE

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Get up to speed in a new area
Validate assumptions
Spec out project plans
Look up a chemical formula
Locate a new material
Solve a design problem
Improve processes
Compare properties of substances

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Knovel offers more than 30 subject areas ranging from Aerospace to Welding Engineering

- Adhesives, Coatings, Sealants & Inks
- Aerospace & Radar Technology
- Biochemistry, Biology & Biotechnology
- Ceramics & Ceramic Engineering
- Chemistry & Chemical Engineering
- Civil Engineering & Construction Materials
- Computer Hardware Engineering
- Electrical & Power Engineering
- Electronics & Semiconductors
- Engineering Management & Leadership
- Environment & Environmental Engineering
- Fire Protection Engineering
- Food Science
- General Engineering & Project Administration
- Industrial Engineering & Operations Management
- Mechanics & Mechanical Engineering
- Manufacturing Engineering
- Marine Engineering & Naval Architecture
- Metals & Metallurgy
- Mining Engineering & Extractive Metallurgy
- Nanotechnology
- Oil & Gas Engineering
- Optics & Photonics
- Pharmaceuticals, Cosmetics & Toiletries
- Plastics & Rubber
- Process Design, Control & Automation
- Safety & Industrial Hygiene
- Sustainable Energy & Development
- Textiles
- Transportation Engineering
- Welding Engineering & Materials Joining
Knovel provides quick and accurate answers to your questions:

Knovel’s tools help you to maximize your productivity, so you and your team—whether on-site or in the field—can collaborate to deliver projects on time.

Search Optimized for Engineers
With Knovel, there is no need to waste time with countless irrelevant and unreliable hits from web search engines to locate the right information. Results are returned from vetted professional handbooks and databases.

Knovel’s search engine is optimized to deliver the results that engineers need. Users can begin with a broad search term.

Enter a search term—

Knovel returns search results in order of relevancy, listing the most important items first. Users can refine their initial search by adding new terms in the “Search within these results” box.

Users can also view and filter search results from a variety of content types available on Knovel including Interactive Tables, Text Sections, Material Data Sheets, and more.

Trusted Information
Drawing from more than 100 leading technical publishers and professional societies including AIAA, AIChE, ASCE, ASHRAE, ASM, ASME, NACE, and SAE, Knovel ensures that technical information is relevant, reliable and of highly professional quality.

Data Analysis Tools
With Knovel, answers are not only discoverable, they are also actionable using interactive tools. Use Knovel’s live graphs and equations to accurately plot points, test ranges for ‘what if scenarios’ and solve real-world problems without calculating complex equations or redrawing a static image.

Knovel’s Data Search allows you to locate information that may be hidden in large complex tables, helping you locate critical numeric range values, and manipulate data just as easily as sorting a spreadsheet.

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