

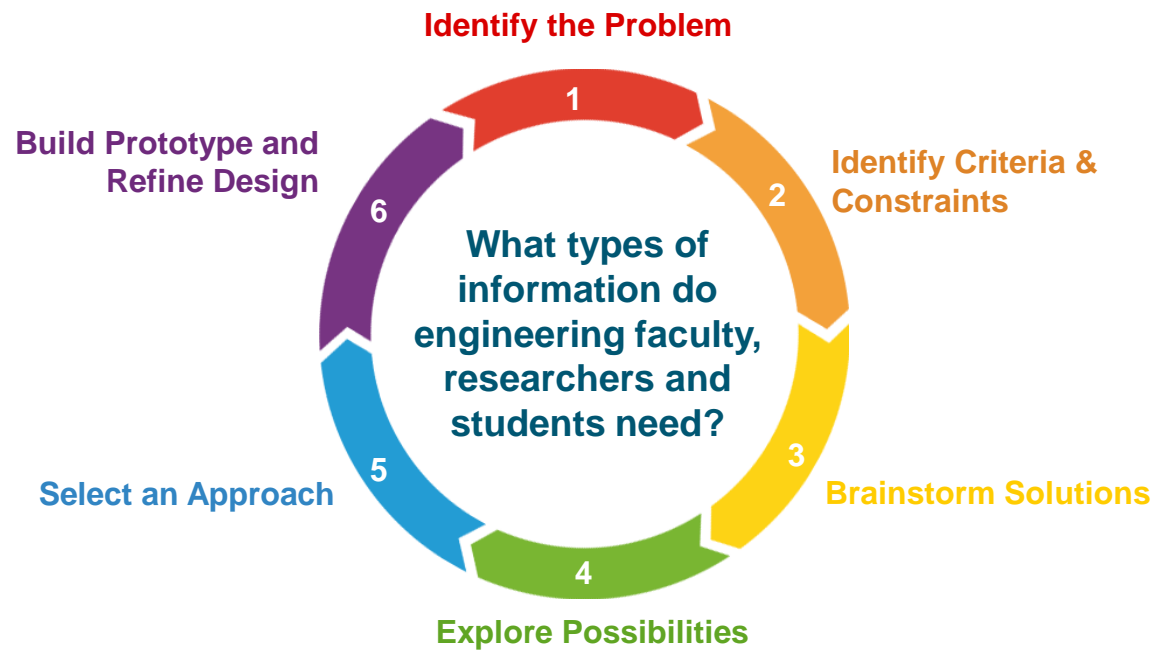
Elsevier's Engineering and Geosciences solutions – Supporting you and your users

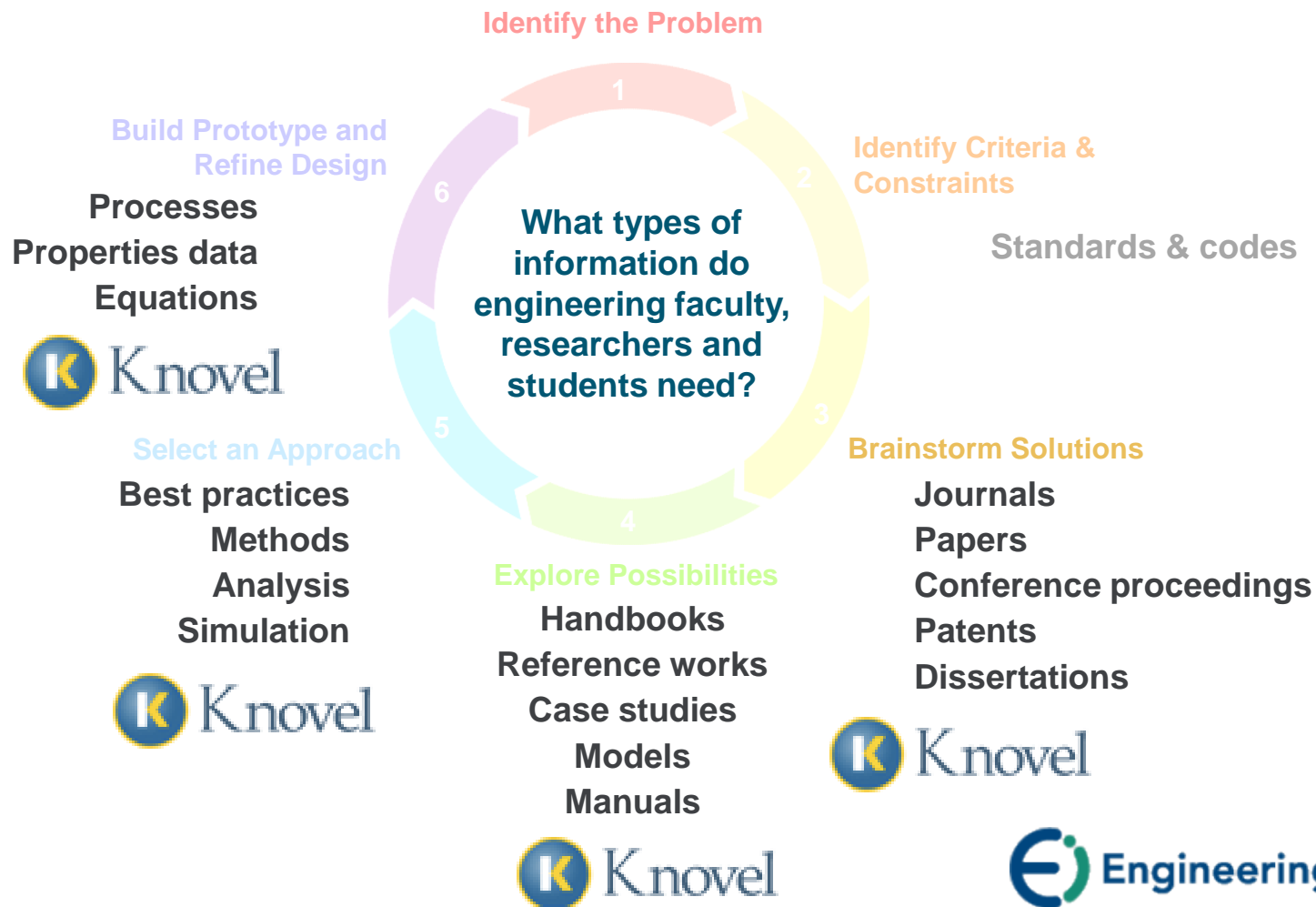


Susan Watson – Customer Consultant

30th November 2016

Andrew Dodd – Solutions Manager





What is Engineering Village?

A specialized **Abstracting & Indexing (A&I)** research platform with 12 databases focused on providing the **content and intelligence** that **engineering researchers** need to **perform** in their field.



www.engineeringvillage.com

Engineering Village™

Indexing drives precision search and retrieval

Example:

An engineer wants to evaluate peer-reviewed literature on rechargeable batteries.

They need to survey all recent publications and don't want to miss anything.

When you have Compendex on Engineering Village...

Engineer is directed to term
“Secondary batteries”
in Thesaurus Search on
Engineering Village and
retrieves needed results

YES

Engineering Village™
The first choice for serious engineering research.

Search | Selected records | Settings | Tags & Groups | Bulletins

Quick Search

Expert Search

Thesaurus Search

DATABASE

☐ All ☒ Compendex ☐ Inspec ☐ NTIS
☐ Chimica ☐ CBNB ☐ EnCompa
☐ GEOBASE ☐ GeoRef ☐ US Patent

SEARCH FOR

rechargeable batteries

in All fields

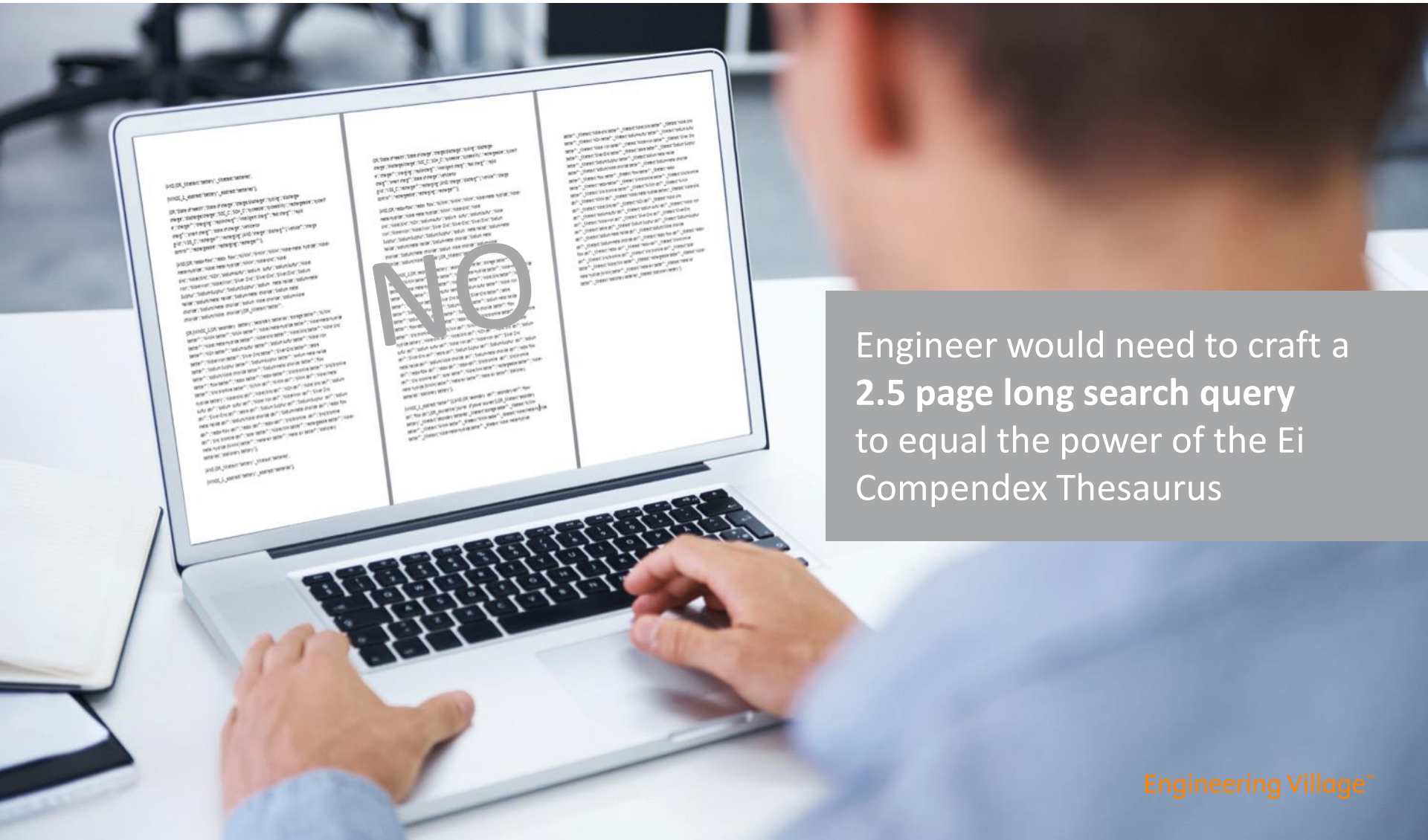
AND ▼

Rechargeable batteries

AND ▼

Recommended Term: Secondary batteries

When you don't have have Compendex on Engineering Village



Engineer would need to craft a
2.5 page long search query
to equal the power of the Ei
Compendex Thesaurus



First Choice for Serious Engineering Research

Top 5 Reasons to Use Engineering Village

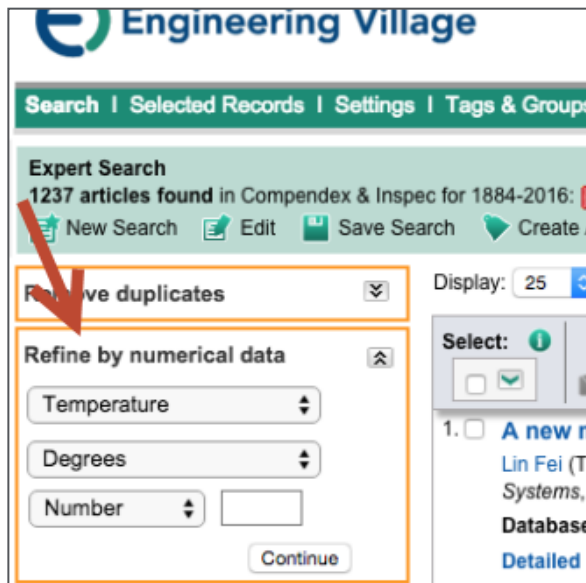
1. Improves Research Success
2. Saves Time
3. Easy To Navigate
4. Helpful Search Features
5. Comprehensive Results

Numerical Search – NEW!

User Problem: Engineering documents contain valuable numerical information. How do researchers reduce their answer set to a more manageable size and find documents written in a myriad of numerical values?

Answer: Numerical Search will standardize numerical values and narrow to only those records which contain relevant numerical data.

Value: Highly relevant search results and saving time by quickly narrowing to the best set of documents.





First Choice for Serious Engineering Research

ELSEVIER ENGINEERING VILLAGE CUSTOMER TESTIMONIAL

“every single project I have ever worked on in last 15 years has benefited from Engineering Village, as I use it for my literature review

— Dr Olga Korostynska, Senior Lecturer, Liverpool John Moores University

Source: Dr Olga Korostynska, Senior Lecturer, Liverpool John Moores University

Published: N/A TVID: xxx-xxx-xxx

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First Choice for Serious Engineering Research

Top 5 Reasons to Use Engineering Village

1. Improves Research Success
2. Saves Time
3. Easy To Navigate
4. Helpful Search Features
5. Comprehensive Results



An engineering solution delivering best practice insights, material and substance property data, and validated equations through powerful search and interactive analytical tools

Reliable, Validated Content - Subject areas and high quality relevant content

Optimized Search - Easily navigate to get quick, reliable answers

Interactive Data Analysis Tools - Use and apply the data

Reliable, validated Content – Relevant subject areas to choose

The screenshot displays the Knovel Browse website interface. At the top, there is a navigation bar with links for Home, Browse, and Tools. A search bar is prominently featured with the text "Search Knovel" and a "GO" button. To the right of the search bar, there are links for "Support Center", "My Knovel", and a user greeting "Welcome Jason De Boer".

The main content area is divided into several sections:

- Subject Areas:** A grid of 30 subject areas is listed, including Adhesives, Coatings, Sealants & Inks; Aerospace & Radar Technology; Biochemistry, Biology & Biotechnology; Ceramics & Ceramic Engineering; Chemistry & Chemical Engineering; Civil Engineering & Construction Materials; Composites; Computer Hardware Engineering; Earth Sciences; Electrical & Power Engineering; Electronics & Semiconductors; Engineering Management & Leadership; Environment & Environmental Engineering; Fire Protection Engineering & Emergency Response; Food Science; General Engineering & Project Administration; Manufacturing Engineering; Marine Engineering & Naval Architecture; Mechanics & Mechanical Engineering; Metals & Metallurgy; Mining Engineering & Extractive Metallurgy; Nanotechnology; Nondestructive Testing & Evaluation; Oil & Gas Engineering; Optics & Photonics; Pharmaceuticals, Cosmetics & Toiletries; Plastics & Rubber; Process Design, Control & Automation; Safety & Industrial Hygiene; Software Engineering; Sustainable Energy & Development; Textiles; and Transportation Engineering.
- Premium Offerings:** A section titled "Premium Offerings" lists several resources: AICHE/CCPS - Center for Chemical Process Safety; ASM International Materials Collection; ASME Boiler and Pressure Vessel Code 2001-2013, Section II; and DIPPR Project 801.
- Engineering Cases:** A section titled "Engineering Cases" features two case studies: "Chemical Challenges in 'Deepwater'" by Dr. Henry Craddock, posted on Fri, 14 Jun 2013, and "Level 3 Inspection Inverts Traditional Parts Inspection Processes" by Bill Greene, posted on Fri, 26 Apr 2013.

On the right side of the main content area, there is a sidebar with a "Did you know that you can save your searches, interactive tools and create customized project folders? FIND OUT HOW" message, accompanied by a small image of a person using a computer.

Optimized Search for Engineers and Applied Scientists

The screenshot displays the Knovel website interface. At the top, a dark navigation bar contains tabs for 'Home', 'Browse', and 'Tools'. On the right side of this bar are links for 'Support Center', 'My Knovel' (with a user icon), and 'Welcome Guest' with a dropdown arrow. Below the navigation bar, the main content area has a dark background. In the center is the Knovel logo, consisting of a blue circle with a white 'K' and the word 'Knovel' in a serif font. Below the logo is a large, rounded search bar with a magnifying glass icon on the left, the text 'Search Knovel' in the middle, and a yellow 'GO' button on the right. Underneath the search bar, a text prompt reads: 'Looking for a specific material or property? Try our new **Data Search** ►'. To the right of the main content area, there is a vertical sidebar with a 'BROUGHT TO YOU BY' section featuring the Knovel logo. At the bottom of the page, there are three featured content boxes. The first box on the left is titled 'Chemical Challenges in 'Deepwater'' and contains text about oil and gas industry challenges. The middle box is titled '2013 Knovel Virtual Conference October 15th' and promotes an event with a 'Sign up now' link. The third box on the right is titled 'Try our new Data Search' and describes the interactive search capabilities with a 'Learn More' link.

Home Browse Tools Support Center My Knovel Welcome Guest ▼

BROUGHT TO YOU BY

Knovel®

Knovel®

Search Knovel GO

Looking for a specific material or property? Try our new **Data Search** ►

Chemical Challenges in 'Deepwater'

Introduction For some time now the oil and gas industry has been exploring, developing and producing from deep-water reserves of oil and gas. Exploitation of these reserves has presented, and will continue to present, a number of unique engineering challenges. In addition to...

2013 Knovel Virtual Conference October 15th

Join us to hear from a host of experts addressing industry trends, leadership skills and advice on studying for exams. You won't want to miss it. [Sign up now](#)

Try our new Data Search

Retrieve data found in Knovel's interactive graphs, equations and tables by dragging and dropping properties into the query builder. [Learn More](#)

Materials and Properties – Data Search

The screenshot shows the Knovel Data Search Query Builder interface within a Firefox browser window. The browser's address bar displays the URL: `app.knovel.com/web/data-search.v?mn=argon:and:pn=density&o=gte&v=.12&u=lb/ft%26it%3Bsup%26gt%3B%26it%3B/sup%26gt%3B:and:pn=thermal cor`. The page features a navigation bar with links for Home, Browse, Tools, Support Center, My Knovel, and a welcome message for Richard Eeles. The main content area is titled "Data Search Query Builder" and includes a search bar with the text "Search Knovel" and a "GO" button. Below the search bar, there are two input fields: "Material or Substance Name" with the value "argon one atmosphere" and "Find a property" with the value "density". The query builder interface allows users to define search criteria using logical operators (And, Or, Not) and property values. In this case, the criteria are "density" with a value of ".12" and units of "lb/ft3", and "thermal conductivity" with the value "exists". The results section at the bottom indicates "Your Query: 1 results »". On the right side, there is a list of properties categorized under "physical constants", "rheology", "test/exposure conditions", "thermodynamic properties", and "velocity". The properties listed include density, dynamic viscosity, temperature, enthalpy of vaporization (mass basis), entropy, specific heat, specific heat ratio, thermal conductivity, and velocity. The footer of the page contains the copyright notice "Copyright © 2013 Knovel Corporation. All rights reserved." and links for Terms of Use, About, and Send Feedback. The Windows taskbar at the bottom shows the time as 15:20 on 18/09/2013.

Firefox
Engineering Technical Reference Info...
Knovel - Data Search

app.knovel.com/web/data-search.v?mn=argon:and:pn=density&o=gte&v=.12&u=lb/ft%26it%3Bsup%26gt%3B%26it%3B/sup%26gt%3B:and:pn=thermal cor

Home Browse Tools Support Center My Knovel Welcome Richard Eeles

Knovel® Search Search Knovel GO Data Search

Share URL Save to My Knovel Data Search Query Builder

Material or Substance Name: argon one atmosphere

Find a property

density >= .12 lb/ft3

And Or Not

thermal conductivity exists

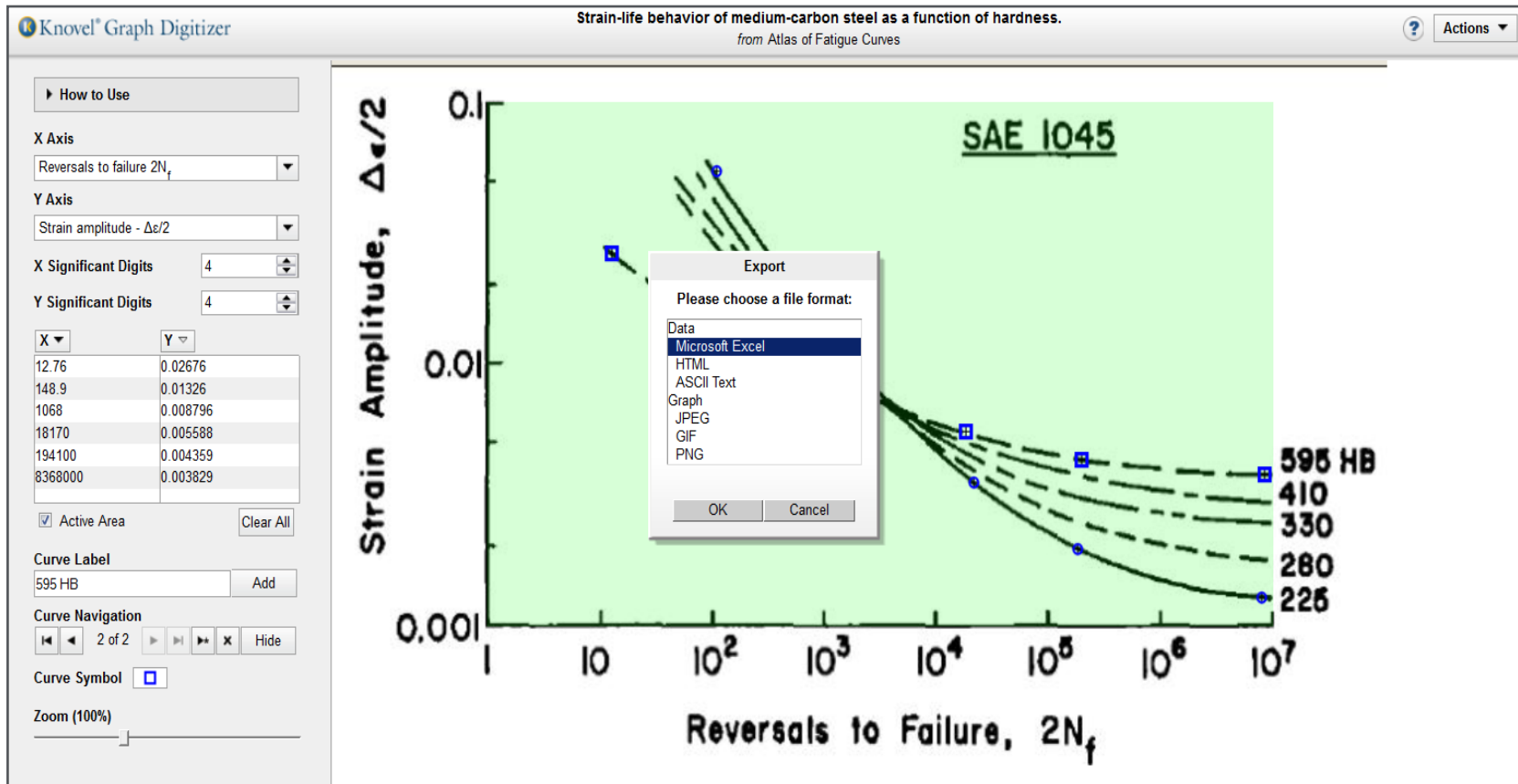
Your Query: 1 results »

physical constants
density
rheology
dynamic viscosity
test/exposure conditions
temperature
thermodynamic properties
enthalpy of vaporization (mass basis)
entropy
specific heat
specific heat ratio
thermal conductivity
velocity
velocity

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Desktop 15:20 18/09/2013

Interactive Data Analysis Tools





Why Knovel?

- A trusted academic tool and provider of technical information that directly prepares students for their career.
- Used by engineers and applied scientists worldwide
- Give students a competitive advantage entering the workplace



How?

- Find data hidden in tables, graphs and equations
- Interact with data
- Find answers quickly
- Solve real world problems



- Used by best in class universities worldwide
- Tailored and continuously expanding content from trusted sources
- Improves student engagement and practical skills
- Interactivity helps to drive innovation and creativity in teaching and study
- Helps you to manage your workload and resource budgets

Questions?