

# SpringerMaterials Frequently Asked Questions

## SpringerMaterials The Landolt-Börnstein Database

### **What is SpringerMaterials?**

SpringerMaterials is the world's largest content platform of selected and critically assessed data in all areas of physical sciences & engineering. It consists of 90,000 online documents, over 40,000 REACH, GHS, RoHS, WEEE documents, includes more than 120,000 figures, more than 1 Mio literature references and over 65,000 keywords. These data allow scientists to save time by quick access to substance properties, functional relationships and numerical data. Using SpringerMaterials is like consulting a top expert. With so much breadth and depth of content from a trusted source, SpringerMaterials is an invaluable resource for material scientist, engineers, chemists, and physicists. SpringerMaterials replaces Landolt-Börnstein in January 2010.

### **Why do researchers need SpringerMaterials?**

SpringerMaterials is essential for researchers and scientists because it validates experiments and research already conducted. For example, if 5 researchers all conducted an experiment on measuring when water freezes, and they all published different results in 5 different journals, a new researcher may be forced to recreate the experiment on his own. Not if they had SpringerMaterials, because the editors and authors of SpringerMaterials would have dissected the research and validated which result is the accurate one. And only this result would be included and explained in context in SpringerMaterials. This saves a lot of time for researchers.

### **What subject areas are covered by SpringerMaterials?**

The following subject areas will be covered by SpringerMaterials:

- Particles, Nuclei and Atoms
- Molecules and Radicals
- Electronic Structure and Transport
- Magnetism
- Semiconductivity
- Superconductivity
- Crystallography
- Thermodynamics
- Multiphase Systems
- Advanced Materials
- Advanced Technologies
- Astro- and Geophysics

### **How many documents are there in SpringerMaterials?**

At the time of the launch in January 2010 there will be >190,000 pages in 90,000 online documents extracted from 400 printed volumes from the former Landolt-Börnstein. The future strategy is to include also other topic-related databases in the platform. Rapid content growth is herewith ensured.

### **How often is SpringerMaterials updated and content added?**

New content is added on a quarterly basis.

### **How does one search SpringerMaterials?**

All content on SpringerMaterials can be found both via google like search functions and advanced search features. In addition users can browse element systems via periodic table navigation or can choose topics from the above listed subject areas.

### **Does SpringerMaterials have full text search?**

Yes. SpringerMaterials' search engine has full text search capabilities.

### **What is the pricing model for SpringerMaterials?**

Customers can purchase access to the entire database. Depending on the size of the institution the price needs to be negotiated with Springer's licensing managers. SpringerMaterials is sold on an e-only, access only basis. SpringerMaterials is constantly updated, new content is added in such a way that ownership does not make sense for the

customer. Owning the single data sheets that are added is useless for the library. It is like owning only those names and phone numbers of a telephone book that are randomly added during a calendar year, but not owning the rest of them. The annual access fee for large academic institutions represent 1/40 of the list price of the currently available 400 Landolt-Börnstein volumes.

### **How is SpringerMaterials related to SpringerLink?**

SpringerMaterials is a separate content platform and will have sophisticated search functions, otherwise not available on Springerlink.

### **Can more than one person from the same institution at a time access SpringerMaterials?**

Yes. When accessing the SpringerMaterials content, there is no limit to concurrent user access within an institution.

### **Will my constituents need any special software?**

Users with an internet browser and Adobe Reader will be able to access SpringerMaterials. Users can download the reader at [www.adobe.com](http://www.adobe.com).

### **How long can one use SpringerMaterials content?**

Online access will be granted for the duration of the subscription.

### **Can SpringerMaterials be used off-campus/off-site?**

Yes, any user can access their institution's subscription through the campus'/corporation's intranet.

### **Can pages of SpringerMaterials be printed or saved?**

Yes, documents can be both printed and saved. Documents can be downloaded to one's computer for future use.

### **Does Springer offer pay per view service?**

Not at this time.

### **Can I purchase SpringerMaterials through a subscription agent?**

Yes.

### **Are usage statistics available for SpringerMaterials?**

Usage statistics are COUNTER compliant and will be available for SpringerMaterials similar to eBooks and journals.

**Where can I go to subscribe to SpringerMaterials?**

Please contact your Springer sales representative directly.

**Can consortia purchase SpringerMaterials?**

Yes. Please contact a Springer sales representative.

**Where can librarians and users get more information about SpringerMaterials?**

More information is available on [www.springer.com/springermaterials](http://www.springer.com/springermaterials).