

Material Data Center

Material Data Center is an internet platform for Engineering Plastics. Besides material databases it contains an application database and a toolbox with several calculation programs as well as interfaces to different CAE systems. All modules have been developed to help designers of the plastics industry with all material decisions.

Access to **Material Data Center** is available at:

www.materialdatacenter.com

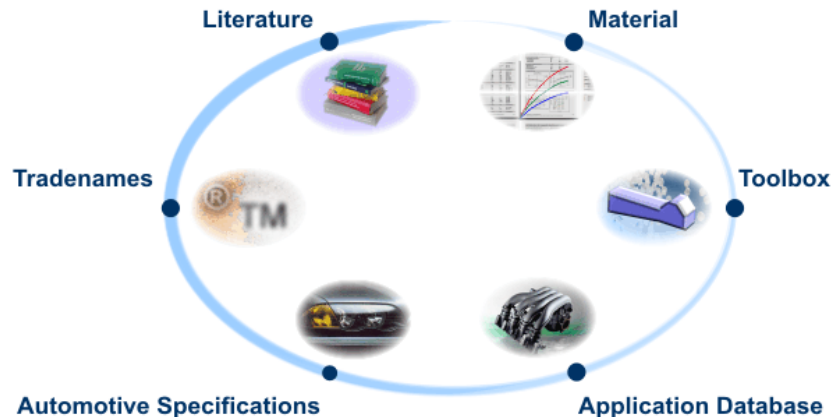
CAMPUS® Data

Material Data Center contains the entire stock of CAMPUS data. Due to extremely strict rules for material testing and reporting, these data are of high-quality. They are taken over in electronic form directly from the resin suppliers whereby any data transfer errors are avoided. Therefore, this data collection is the only manufacturer spanning data collection which exclusively uses truly comparable data. As it offers a wide range of design data (stress-strain diagrams, creep curves, etc.) the engineer will find a unique source of valuable information.

ASTM Data

In a separate database, **Material Data Center** contains a growing number of properties measured according to ASTM standards. These data, which are mainly for US grades, are also collected directly from the resin suppliers.

In order to avoid wrong interpretations and comparisons, the system makes sure that data from different



sources cannot be compared directly. The user interface and the functionality of **Material Data Center** are as close as possible to the well known CAMPUS system. However, it works manufacturer spanning and it offers several additional functions.

Application Database

Material Data Center also includes an application database in which numerous application examples are documented. Here, the user has the option to search for name, industrial sector and used material. An interface offers direct linking from an application to the data sheet of the used material and vice versa.

Toolbox

Another component of **Material Data Center** is a so-called Toolbox. It allows calculations based on the original CAMPUS data. At present, the toolbox offers calculations of model

parameters for several applications (viscosity models, pVT models and creep curves). More features will follow soon. The toolbox also allows certain calculations such as cooling time and flow length calculations for injection molding, as well as calculations of several simple mechanical problems. These tools enable the designer to evaluate important material related influences early in the design process.

For the final dimensioning/calculation extensions are available to forward data to different CAE systems via export interfaces.

The price for the annual access to the standard version of **Material Data Center** amounts to 350,- Euro.

A free demo version is available at:

www.materialdatacenter.com.

We order access to Material Data Center for 12 months. Annual fee for single user: 350,- Euro.

Please inform us about multi user licenses.

Company: _____ Last name, first name: _____

Address: _____

Phone: _____ Fax: _____

Date, Signature: _____ E-Mail*: _____

**your E-Mail address is required, because it is an important feature of our safety concept.*