

## CAMPUS 20th Anniversary

Last December, during the regular annual CAMPUS licensees meeting in Aachen, the 20th anniversary of the world's most successful plastics information initiative was celebrated. Two decades ago, at the urging of the automotive industry, four big German plastics producers formed a consortium to reform the chaotic state of plastics materials characterization. They launched the project in 1988 under the name CAMPUS (Computer Aided Material Preselection by Uniform Standards). The goal was to standardize, to a degree never before accomplished, the way plastics materials data are gathered and reported, in order to achieve a quantum leap in the quality, usefulness, and credibility of those data. They agreed on strict protocols for test sample preparation, sample geometry, and testing conditions, as well as a uniform datasheet format and a standardized software with uniform user interface.

Over the years the consortium grew to more than 50 licensed members worldwide, through mergers and acquisitions that number was reduced over time. However, the market share of materials covered by CAMPUS grew steadily. Today CAMPUS covers more than 90% of the Engineering Polymers that are sold in Europe and in the US. Meanwhile, CAMPUS has become the leading international plastics database and the new standards that were developed in the project have received international acceptance.

The whole industry benefits from this system. The resin producers and end users save considerable sums with CAMPUS, by using consistent test specimens and test methods, and not having to retest according to a myriad of national standards and even individual company standards.



*Julien Lebranchu of DuPont, elected chairman of the CAMPUS steering committee and the CAMPUS birthday cake, Aachen 4.12.2008*

Designers and decision makers in the plastics industry can rely on comparable high quality material data. CAMPUS includes a set of 100 singlepoint properties and 20 graphs (so called multipoint data).

Over the years CAMPUS was continuously extended to more data content, like parameters for mold layout, chemical resistance data, pVT data, information about Long Term Heat Ageing and many more.

CAMPUS is available in 8 languages:

English  
French  
German  
Italian  
Spanish  
Chinese  
Japanese  
Korean

CAMPUS is distributed everywhere in the world, the countries with the most CAMPUS downloads are: China,



### Facts about CAMPUS

- founded in 1988
- founding members: BASF, Bayer, Hoechst, Hüls
- 23 leading international resin producers are active licensees
- covers more than 90% of market for Engineering Plastics
- free download via internet
- includes valuable engineering data

France, Germany, Italy and USA.

CAMPUS is available as a desk top system, that can be downloaded from the CAMPUS homepage for free. The data content is also available interactively via internet.

Different systems are available that offer CAMPUS data plus extra functionality, like calculation programs or comfortable tools for search and comparison, against a fee. The offline system is called MCBASE and the online version is called Material Data Center.

### For information about

**CAMPUS:**  
[www.CAMPUSplastics.com](http://www.CAMPUSplastics.com)

**Material Data Center:**  
[www.materialdatacenter.com](http://www.materialdatacenter.com)

**MCBase:**  
[www.m-base.de](http://www.m-base.de)