

News release



Robust connectors for automotive wire harnesses

- **New Ultradur® grade combines very good toughness with high flowability**
- **Polybutylene terephthalate (PBT) from BASF meets rising requirements for mechanical properties**

BASF is expanding its range of engineering plastics as the trend toward miniaturization persists for electronic components in cars: With the new Ultradur® grade B4340ZG2 High Speed (HSP) connectors will be more robust against damage such as breaks and cracks.

In applications such as wire harnesses, robust and unbreakable plug-in connectors are needed as replacing broken, individual end sections involves a great deal of work and expenditure. Specifically for this application, the new PBT grade has optimized product properties: Ultradur B4340ZG2 HSP for thin-walled plug-in connectors combines high flowability with very good impact strength.

Ultradur B4340ZG2 HSP also boasts excellent electrical properties. The CTI (Comparative Tracking Index, track resistance, IEC 60112) is 600 volts and therefore permits minimum distances between the conductor tracks in plug-in connectors.

Ultradur B4340ZG2 HSP is available in commercial quantities as of now and samples can be ordered.

Further information about the Ultradur (PBT) materials from BASF can be obtained by e-mailing Ultraplaste.infopoint@basf.com or calling +49 (0) 621 60-78780.

Ultradur on the internet: www.ultradur.de

November 3, 2016

P 364/16e

Evelyn Naudorf

Phone: +49 621 60-42223

Evelyn.Naudorf@basf.com

BASF SE

67056 Ludwigshafen

Phone: +49 621 60-0

<http://www.basf.com>

Communications Performance
Materials

Phone: +49 621 60-42223

www.plasticsportal.eu

www.pu.basf.eu/

About BASF's Performance Materials Division

BASF's Performance Materials division encompasses the entire materials know-how of BASF regarding innovative, customized plastics under one roof. Globally active in four major industry sectors - transportation, construction, industrial applications and consumer goods – the division has a strong portfolio of products and services combined with a deep understanding of application-oriented system solutions. Key drivers of profitability and growth are our close collaboration with customers and a clear focus on solutions. Strong capabilities in R&D provide the basis to develop innovative products and applications. In 2015, the Performance Materials division achieved global sales of € 6.7 bn. More information online: www.performance-materials.basf.com

About BASF

At BASF, we create chemistry for a sustainable future. We combine economic success with environmental protection and social responsibility. The approximately 112,000 employees in the BASF Group work on contributing to the success of our customers in nearly all sectors and almost every country in the world. Our portfolio is organized into five segments: Chemicals, Performance Products, Functional Materials & Solutions, Agricultural Solutions and Oil & Gas. BASF generated sales of more than €70 billion in 2015. BASF shares are traded on the stock exchanges in Frankfurt (BAS), London (BFA) and Zurich (AN). Further information at www.basf.com