

VESTAMID® HT*plus* in mass-produced gearshift levers

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The high-performance polymer VESTAMID® HT*plus* is making gearshift levers lighter. A leading automotive OEM in Europe is now using Evonik polyphthalamides (PPA) in the serial production of a gearshift lever part. The Turkish company Eurotec AS has compounded VESTAMID® HT*plus* specifically for this purpose.

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“Our decision in favor of VESTAMID® HT*plus* M1000 was based on the good processing characteristics and the outstanding mechanical properties of the material,” says Reha Gür, commercial director at Eurotec. “This allowed us to offer the OEM a customized product based on their future expectations that not only weighs less, but is also more economical than a previous solution and bringing fast production possibilities with environmental friendly behaviour.”

The original gearshift lever component had been made of metal. Because of the special property profile of PPA, Eurotec switched its production to the high-performance polymer. Other arguments in favor of using PPA included high resistance to lubricants and oils that are typically present in clutch systems.

In addition to high chemical resistance, molded parts made from VESTAMID® HT*plus* offer high dimensional stability and excellent mechanical properties such as rigidity and tensile strength. VESTAMID® HT*plus* is therefore ideally suited for use in conventional metal applications.



Caption

VESTAMID® HT*plus* makes the gearshift lever component resistant to lubricants.

Source: Eurotec

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Company information

Evonik, the creative industrial group from Germany, is one of the world leaders in specialty chemicals. Its activities focus on the key megatrends health, nutrition, resource efficiency and globalization. Profitable growth and a sustained increase in the value of the company form the heart of Evonik's corporate strategy. Evonik benefits specifically from its innovative prowess and integrated technology platforms.

Evonik is active in over 100 countries around the world. In fiscal 2011 more than 33,000 employees generated sales of around €14.5 billion and an operating profit (EBITDA) of about €2.8 billion.

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