

New halogen-free VESTODUR® grade for optical fiber jackets features excellent flame-retardant properties

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Strict fire safety regulations for cable material are increasingly becoming the norm in calls for tenders for public construction projects. Evonik Industries, Essen, now offers a new halogen-free polybutylene terephthalate (PBT) grade for optical fiber jackets and wire bundles, with excellent flame-retardant properties (HFFR). VESTODUR® X9426 has a high limiting oxygen index (LOI) and low smoke density, and any smoke gases emitted are of low toxicity. The extruded material is also extremely flexible, kink- and crush-resistant and has good hydrolysis properties.

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Evonik offers a range of VESTODUR® PBT and VESTAMID® polyamide 12 compounds for the cable industry. These are used both for the safe and efficient protection of optical fibers and for wire insulation and cable protection tubing. The latest development in PA 12 is a material that meets the stringent HL3 requirements for rail vehicles in accordance with standard EN 45545 - 2:2013. A brochure on the entire range is available for download at www.vestodur.com.



Photo caption:

VESTODUR® X9426 for optical fiber jackets offers halogen free fire protection combined with a high LOI and low smoke density—characteristics that are especially in demand for use in public construction projects.

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About Evonik

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

Evonik is active in over 100 countries around the world. In fiscal 2013 more than 33,500 employees generated sales of around €12.7 billion and an operating profit (adjusted EBITDA) of about €2.0 billion.

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