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## Electricity transmission with minimal loss

- PRINTEX® HV from Evonik Industries minimizes leakage in high-voltage cables

PRINTEX® HV is a new high-performance carbon black pigment from Evonik Industries that makes the transportation of electrical energy more efficient. As one of the principal components in cable jacketing, it satisfies all key requirements for minimizing loss during power transmission. In high-voltage cables in particular, this special carbon black can be used efficiently and wisely.

PRINTEX® HV primarily stands out for its excellent processing properties. The high purity and good dispersibility of PRINTEX® HV are advantages that compounders appreciate. Cable manufacturers place a great deal of emphasis on a long lifetime for their end products. The high purity of PRINTEX® HV and the exceptional surface smoothness that can be achieved in cable jacketing as a result ensure that these industry requirements are met.

PRINTEX® HV enables Evonik Industries to service a fast-growing market. “As urbanization progresses, more and more electricity cables are needed,” says Dr. Werner Niedermeier, Director of Applied Technology Pigment Solutions. “China is one such example. There, large areas of land are only now being developed for electricity transmission. We expect similarly high growth for our product.”

According to Niedermeier, the generation of renewable energy increasingly relies on generating energy with higher yields in offshore wind farms or solar power installations in the desert. An efficient energy network is essential to transport the power produced in these facilities to consumers with minimal loss. Against this backdrop, PRINTEX® HV provides additional, interesting growth prospects for cable jacketing.

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**For more information**

Detailed press releases on the comprehensive range of products and solutions offered by Evonik's business units are included in this press kit.

Electronic documents and photos can be downloaded at [www.evonik.com/plastics](http://www.evonik.com/plastics).

**Exceptional solutions in plastics are no exception for us**

Working together with its customers and partners, Evonik develops products and system solutions for and with plastics. We thus have a range of services that satisfies market and application requirements.

Evonik is present in all major growth markets around the globe. Its customized products and solutions include raw materials, sophisticated additives and paints, engineering plastics, high-performance polymers, and semi-finished products. They are virtually exactly what is needed for tomorrow's efficient, sustainable, and environmentally friendly ideas.

**About Evonik**

Evonik Industries is the creative industrial group from Germany. In our core business of specialty chemicals, we are a global leader. In addition, Evonik is an expert in power generation from hard coal and renewable energies, and one of the largest private residential real estate companies in Germany. Our company's performance is shaped by creativity, specialization, continuous self-renewal, and reliability.

Evonik is active in over 100 countries around the world. In its fiscal year 2009 about 39,000 employees generated sales of about €13.1 billion and an operating profit (EBITDA) of about €2.0 billion.

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