



New Cabot Transfinity™ XD7050 Product Delivers Superior Wear Performance in Mining Applications

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New elastomer composite product increases the lifetime of rubber components, reducing downtime and maintenance costs

BOSTON--(BUSINESS WIRE)--Sep. 24, 2012-- [Cabot Corporation](#) (NYSE: CBT) announces the launch of [Transfinity™ XD7050](#) reinforced elastomer composite, the first of a new class of material specifically tailored for use in mining applications. This new product extends the wear life of rubber components used in mineral processing plants. Mine operators can benefit from the high durability of this new material that increases the service life of parts, significantly reduces maintenance downtime and cost, and increases output from existing assets.

Mining components made with Transfinity XD7050 material demonstrate superior mechanical properties and extended wear life when compared to parts made with conventional rubber compounds. The material delivers superior resistance to abrasion, wet erosion, cutting, chipping and tearing, allowing mineral processing equipment to run up to 100% longer between maintenance shutdowns.

Transfinity XD7050 material can be used for wear protection in various mining applications such as grinding mills, slurry pumps, cyclones, trommels, chute liners, dry screens and conveyor belts. Transfinity materials have been successfully used in field trials that resulted in 20 to 100 percent improvements in durability.

"Mineral processing equipment experiences the most severe forms of abrasive wear from high energy processing of ore," says Russell Coverley, Cabot Elastomer Composites business manager. "Components made with Transfinity XD7050 material have been proven to last longer and extend service intervals for mineral processing equipment. These performance and productivity improvements can translate directly into higher profitability and returns on assets for mine operators."

Cabot's patented technology uses liquid phase mixing rather than conventional dry phase mixing in order to incorporate reinforcing agents such as carbon black into elastomers. This technology enables Transfinity products to have a superior level of dispersion of the carbon black which creates composites that are stronger than those produced by conventional mixing.

Cabot will be exhibiting at booth# 25214 South at the [MINExpo INTERNATIONAL® 2012](#), taking place from September 24 -26, 2012 in Las Vegas, Nevada USA. To learn more visit our website at www.cabotcorp.com or contact us at transfinity@cabotcorp.com.

About Transfinity Elastomer Composites

Transfinity products are a Cabot brand of composites made from elastomer latex (a liquid form of rubber) and reinforcing particles, such as carbon black. Through the subsequent addition of curing agents, Transfinity elastomer composites can be molded or extruded and vulcanized to create shaped elastic parts. Final products produced with Transfinity elastomer composites can deliver dramatic performance improvements in wear resistance and vibration isolation applications.

About Cabot Corporation

Cabot Corporation (NYSE: CBT) is a global specialty chemicals and performance materials company, headquartered in Boston, Massachusetts. The company is the world's No. 1 producer of rubber and specialty grade [carbon black](#), [activated carbons](#), [inkjet colorants](#) and [cesium formate drilling fluids](#) and has market-leading positions in [fumed silica](#), [aerogel](#), and [elastomer composites](#). For more information on Cabot, please visit the company's website at: <http://www.cabotcorp.com>.

Source: Cabot Corporation

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