



Cabot Corporation Launches Two New CAB-O-SIL™ Products for Toner Applications

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New Treated Colloidal Silica Particles Improve Print Durability and Quality

BOSTON--(BUSINESS WIRE)--Jun. 10, 2013-- [Cabot Corporation](#) (NYSE: CBT) has developed two new treated colloidal silica particles for use as external additives in electrophotographic toner applications. Cabot's new CAB-O-SIL™ TG-C110 and CAB-O-SIL™ TG-C191 products are specifically designed to maintain image density over long print runs as well as improve image quality.

Fumed silica additives have long been used to control the triboelectric charging and free-flow performance of toner used in laser printers and copiers. New electrophotography systems utilize softer toners that enable fusing at lower temperatures for higher speed printing and increased energy efficiency. However, these new toners require new types of additives to act as spacers between toner particles in order to improve the durability of the toner.

Specifically, the TG-C110 product is a hexamethyldisilazane (HMDZ) treated spacer that delivers enhanced print durability and reliable free-flow performance. The TG-C191 product is an alkylsilane-treated high-performance spacer particle that delivers outstanding humidity resistance in addition to excellent print durability and free-flow capabilities. All of Cabot's colloidal silica particles feature a narrower particle size distribution than fumed silica alternatives, providing customers with more efficient spacer performance and more uniform charging that enables fewer print defects.

"Cabot is committed to providing customers with the tools they need to continue to push the boundaries of what is possible with toner-based printing," said Hajime Kambara, Global Applications Development Lead. "We understand that our customers require a variety of different toner additives in order to meet their unique performance requirements. With TG-C110 and TG-C191, Cabot is further expanding the reach of what is already the industry's broadest line of silica additives."

In addition to developing new products such as TG-C110 and TG-C191, Cabot is developing a colloidal composite technology that will be highlighted at the upcoming [Annual Conference of the Imaging Society of Japan](#), held June 12-14, 2013 in Yokohama, Japan.

ABOUT CABOT CORPORATION

Cabot Corporation (NYSE: CBT) is a global specialty chemicals and performance materials company, headquartered in Boston, Massachusetts. The company is a leading provider of [rubber](#) and [specialty carbons](#), [activated carbon](#), [inkjet colorants](#), [cesium formate drilling fluids](#), [fumed silica](#), [aerogel](#), and [elastomer composites](#). For more information on Cabot, please visit the company's website at: <http://www.cabotcorp.com>.

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Source: Cabot Corporation

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