

Discarded PET Bottles are Reborn as SABIC Innovative Plastics' Valox iQ* Resin, Achieving Silver Cradle to CradleSM Certification

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BERGEN OP ZOOM, The Netherlands – January 9, 2009 – The reincarnation of discarded polyethylene terephthalate (PET) plastic bottles into Valox iQ* resin from SABIC Innovative Plastics epitomizes Cradle to CradleSM design, an innovative paradigm from the internationally renowned sustainable design firm, McDonough Braungart Design Chemistry, LLC (MBDC). This approach, which replaces the less environmentally compatible “cradle-to-grave” model, aims to eliminate waste entirely by circulating safe and healthful materials within closed-loop systems of continuous reuse. To recognize Valox iQ 8280SF resin's important contribution to sustainability and reduction of landfill waste, MBDC has announced that Valox iQ 8280SF resin is Cradle to Cradle CertifiedCM at the Silver tier. SABIC Innovative Plastics is committed to developing environmentally responsible solutions for its customers that offer high performance, high quality, and new material choices for achieving their sustainability objectives.

The Cradle to Cradle Certification program was created by MBDC and is implemented worldwide, through partners such as the Environmental Protection and Encouragement Agency (EPEA) in Germany. "There are so many eco claims for today's products and materials that it's easy to become skeptical," said William McDonough, co-founder, MBDC. "Cradle to Cradle Certification provides a means to tangibly and credibly measure achievement in environmentally intelligent design. Silver Certification winner Valox iQ resin demonstrates

SABIC Innovative Plastics' dedication to practical yet novel materials that can help improve environmental impacts moving forward."

A Carbon Footprint 50 to 85 Percent Lower than Other Engineered Thermoplastics

Valox iQ resin is made with polybutylene terephthalate (PBT) -based polymers using a proprietary process. The material consumes less energy and yields less carbon dioxide (CO₂) than traditional resins through its entire manufacturing process from cradle (discarded PET bottle) to gate (Valox iQ* resin pellet). Valox iQ resin is created using up to 85 percent post-consumer plastic waste, giving it a carbon footprint 50 to 85 percent lower than other engineered thermoplastics, extending the useful life of a polyethylene terephthalate bottle to 20 years. Applications for Valox iQ resin include furniture, computers and consumer electronics, transportation and automotive components like connectors, mud guards, lighting bezels and more.

For additional information on Valox iQ resins from SABIC Innovative Plastics, please go to www.sabic-ip.com.

About SABIC Innovative Plastics

SABIC Innovative Plastics is a leading, global supplier of engineering thermoplastics with a 75-year history of breakthrough solutions that solve its customers' most pressing challenges. Today, SABIC Innovative Plastics is a multi-billion-dollar company with operations in more than 25 countries and over 10,500 employees worldwide. The company continues to lead the plastics industry with customer collaboration and continued investments in new polymer technologies, global application development, process technologies, and environmentally responsible solutions that serve diverse markets such as automotive, electronics, building & construction, transportation, and healthcare. The company's extensive product portfolio includes thermoplastic resins, coatings, specialty compounds, film, and sheet. SABIC Innovative Plastics (www.sabic-ip.com) is a wholly owned subsidiary of Saudi Basic Industries Corporation (SABIC), one of the world's top five petrochemicals manufacturers.

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Cradle to CradleSM is a service mark of MBDC.
Cradle to Cradle CertifiedCM is a certification mark of MBDC.

Media Note: The proper name of the company is SABIC Innovative Plastics, and excludes any abbreviations or variations when referring to the company. As an acronym, SABIC should be all caps whenever it appears in print.

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