



## FOR IMMEDIATE RELEASE

Contacts: Jim Zawicki  
Manager, Marketing Communications  
Sartomer Company  
610-594-7360  
jim.zawicki@sartomer.com

Ashley Reppert  
Public Relations Executive  
Schubert Communications  
610-269-2100, ext. 229  
areppert@schubert.com

### Sartomer's SMA 1000 Modifies Polybutadiene Terephthalate Melt Flow

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**EXTON, Pa., February 9, 2009** – Sartomer Company's plastics research and development team discovered a new use for its Styrene Maleic Anhydride (SMA<sup>®</sup>) resin. SMA 1000 can modify the melt-flow of polybutadiene terephthalate (PBT) in mixtures (in situ), enabling greater flexibility in part design. The new use may lead to thinner, more complex mold designs, more intricate flow paths, and fewer gates.

In addition to improved flow, SMA does not adversely affect the crystallinity percentage of the PBT, nor are inherent properties compromised, such as dimensional and chemical stability. SMA also increases the brittle point (T<sub>g</sub>) and the heat distortion temperature (HDT). Mechanical properties are similar to those of standard PBT.

For more information, send inquiries to [PlasticTechSupport@sartomer.com](mailto:PlasticTechSupport@sartomer.com). For complete technical details, visit Sartomer's online technical library at [www.sartomer.com](http://www.sartomer.com).

**Sartomer Company**, part of Total's Chemicals branch, is a U.S.-based manufacturer of specialty chemicals. Headquartered in Exton, Pa., Sartomer provides a variety of specialty chemicals designed to enhance processing and performance characteristics in coatings, inks, elastomers, adhesives, sealants, composites, and other demanding applications. The company's product offering includes more than 700 monomers and oligomers, polybutadiene resins, styrene maleic anhydride resins, and other specialty chemicals.

