

3rd Annual "Durability Awards"

Thermoset Division
Society of Plastics Engineers



New Thermoset Material

Product: "Supertrack" MB4000

Supplier: Mar-Bal Inc., Chagrin Falls, OH

Innovation in Thermoset Processing

Product: Gas Evacuation Technique

Supplier: Bulk Molding Compounds Inc., West Chicago, IL

Market Development

Product: Industrial Hand Dryer Housing

Supplier: Bulk Molding Compounds Inc., West Chicago, IL

Thermoset Legacy Awards

BMC Valve Covers

What are the Durability Awards?

The Durability Awards are the only plastics industry awards specifically focused on thermosetting materials, processes and applications.

2007 Award Categories:

New Thermoset Material – Compound, resin or reinforcement offering unique or significantly improved properties

Innovation in Thermoset Processing – Machine, technique or process that reduces cost, improves product quality, or permits unique fabrication options

Market Development – Consumer of industrial product manufactured using thermoset materials and relies on thermosets to deliver improved value to customers

Thermoset Legacy Award – One or more applications demonstrating exceptional resistance to substitution and in continuous production for at least ten years. The Thermoset version of the “Hall of Fame”

Winner – New Thermoset Material

Product: Supertrack MB4000

Supplier: Mar-Bal Incorporated

- ◆ Developed to replace porcelain & bisphenol A in medium voltage insulators and switchgear applications
- ◆ Track resistance is equal or greater than porcelain while offering better mechanical strength
- ◆ Material offers economic advantages with scrap reduction, logistical improvements, and cost effective solutions
- ◆ BMC is environmentally friendly unlike porcelain and bisphenol A which are becoming a problem for the electrical industry

