

# 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

