High Impact Polystyrene
HIPS Sheet Solution

Product Description

High Impact Polystyrene sheet is a versatile, cost effective material. PolyOne HIPS single and multilayer sheet structures are engineered from the toughest polystyrene resins to add a superior balance of enhanced properties for color control, higher gloss, UV protection, appearance, stiffness, deep-draw formability, and high impact strength.

PolyOne offers several sheet grades of High Impact Polystyrene, custom made for your market application:

- **SP-2010 HIPS** – general purpose grade with multiple texture options.
- **SP-2050 High Gloss HIPS** – precisely layered cap of clear or pigmented crystal polystyrene over HIPS substrate providing a glossy, hard surface for outstanding surface appearance, while maintaining excellent performance characteristics.
- **SP-2011 Korad™ Capped HIPS** - offers the same excellent quality high impact polystyrene as SP-2010 capped with Korad acrylic film to provide UV surface protection for outdoor exposure, or printed and clear Korad film to enhance decorative properties and surface appearance.

Value to Your Business

PolyOne HIPS sheet solutions help our customers add value to their business by:

**Easy processing and thermoforming**

- Good depth of draw ratio
- Good dimensional stability

**Costs savings**

- High impact strength creates cost-effective, durable parts
- Fully recyclable with minimal loss in properties