StarResin

PRODUCT DATA SHEET

HIPS C3/2.5 High Impact Polystyrene

Applications

CharacteristicsHigh impact

- Thermoformed containers
- Excellent toughness
- Lids for food packagingCustom extruded sheet
 - stom extruded sheet
- Excellent stress crack resistance

Profiles

Property	Value	Unit	Test Method
Melt Index (200°C/5.0kg)	3.0	g/10min	D 1238
Tensile Strength	3630	psi	D 638
Tensile Modulus	313000	psi	D 638
Tensile Elongation	43	%	D 638
Flexural Strength	6240	psi	D 790
Flexural Modulus	313000	psi	D 790
Notched Izod Impact	2.6	ft-lb/in	D 256
Vicat Softening Point	207	°F	D 1525
Deflection Temperature Under Load	196	°F	D 648
Reidual Monomer	< 700	ppm	
Flammability	1.5 mm HB		UL 94

This information, to our knowledge, is believed to be correct. The use of this product in its actual conditions are beyond our control and satisfactory results for this product is the customer's sole responsibility. User must make their own decisions regarding its suitability for their equipment and final products.

