

Technical Datasheet

- **Grade Name:** HIPS 6045
- **Categories:** Polymer, Polystyrene, High Impact Polystyrene
- **Processing Methods:** Extrusion and Injection molding
- **Applications:** Office, kitchen and bathroom articles, Food packaging as beverage cups, packaging for dairy products, Sheet, disposable dishware, toys, internal parts and housings of household.

Physical Properties			
Properties	Value	Unit	Test Method
MFI(200°C/5 Kg)	4	g/10min	ASTM D1238
Mechanical Properties			
Properties	Value	Unit	Test Method
Izod Impact (Notched)	9.5	KJ/m ²	ISO 180
Tensile Strength	24	MPa	ASTM D 638
Flexural modulus	1900	MPa	ASTM D 790
Thermal Properties			
Vicat Softening Point (50 °C/hr, 1 Kg)	91	°C	ASTM D 1525

Typical Properties: These values are not to be considered as product specifications.

