

Technical Data Sheet

Polyfort HIPS 730F/R A BLACK 2-0010



Polystyrene, High Impact

Product Description

Polyfort HIPS 730F/R A BLACK 2-0010 is a Polystyrene, High Impact material and is typically used in Extrusion applications. Features include: Good Impact Resistance.

Processing Method	Extrusion
Attribute	Good Impact Resistance
Forms	Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (200 °C/5.0 kg)	3.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.04	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	20.7	MPa	ASTM D638
Flexural Modulus	1650	MPa	ASTM D790
Tensile Elongation at Break	50	%	ASTM D638
Flexural Strength	29	MPa	ASTM D790
Impact			
Notched Izod Impact	120	J/m	ASTM D256
Thermal			
Vicat Softening Temperature	100	°C	ASTM D1525
Deflection Temperature Under Load Unannealed (264 psi)	85	°C	ASTM D648