

Technical Data Sheet

Polyfort HP0315A13156BLK

Polypropylene, Homopolymer

Product Description

Polyfort HP0315A13156BLK is a Polypropylene Homopolymer material. Features include: Heat Aging Resistant.

Attribute Good Heat Aging Resistance

Forms Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	8.0	g/10 min	ASTM D1238
Density - Specific Gravity	0.905	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	12	%	ASTM D638
Tensile Strength at Yield	33	MPa	ASTM D638
Tensile Strength at Break	25	MPa	ASTM D638
Flexural Modulus	1160	MPa	ASTM D790
Tensile Elongation at Break	500	%	ASTM D638
Tensile Modulus	1130	MPa	ASTM D638
Flexural Strength	37	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm)	44	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	97		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	53	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	85	°C	ASTM D648
UL Information			
Flame Rating, (1.6 mm)	HB		UL 94