

Technical Data Sheet

Polyfort HP0306LNATURAL

Polypropylene, Homopolymer

Product Description

Polyfort HP0306LNATURAL is a Polypropylene Homopolymer material.

Forms Pellets

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	10	g/10 min	ASTM D1238
Density - Specific Gravity	0.901	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	10	%	ASTM D638
Tensile Strength at Yield	36	MPa	ASTM D638
Tensile Strength at Break	22	MPa	ASTM D638
Flexural Modulus	1400	MPa	ASTM D790
Tensile Elongation at Break	400	%	ASTM D638
Tensile Modulus	1300	MPa	ASTM D638
Flexural Strength	42	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm)	30	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	92		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	53	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	82	°C	ASTM D648