

Technical Data Sheet

Polyfort POLYPROPYLENE PP 3486-01



Polypropylene, Homopolymer

Product Description

PP 3486-01 is a special homopolymer polypropylene designed with a long term heat aging formula for appliance applications.

Processing Method	Compounding; Extrusion; Injection Molding
Attribute	Good Heat Aging Resistance; Homopolymer
Forms	Pellets
Application	Appliances

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5.0	g/10 min	ASTM D1238
Density - Specific Gravity	0.9	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	9	%	ASTM D638
Tensile Strength at Yield	36.5	MPa	ASTM D638
Flexural Modulus	1450	MPa	ASTM D790
Impact			
Notched Izod Impact	27	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	90		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	55	°C	ASTM D648
Deflection Temperature Under Load Unannealed (66 psi)	100	°C	ASTM D648
Melting Temperature	160	°C	