

Technical Data Sheet

Polyfort PP 828H-01 NAT



Polypropylene, Impact Copolymer

Product Description

PP 828-01 Natural is a molding grade impact polypropylene. This material meets the FDA Regulation 177.1520 for food contact applications.

Processing Method	Compounding; Injection Molding
Attribute	Food Contact Acceptable; Good Heat Aging Resistance; Heat Stabilized; Impact Copolymer
Forms	Pellets
Appearance	Natural Color

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ASTM D1238
Density - Specific Gravity	0.898	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield, (51 mm/min)	8.0	%	ASTM D638
Tensile Strength at Yield, (51 mm/min)	24.1	MPa	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Impact			
Gardner Impact, (-34 °C)	33.9	J	ASTM D3029
Notched Izod Impact	130	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	85	°C	ASTM D648