

Technical Data Sheet

Polyfort PP 828-01 NATURAL

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
Additive	Heat Stabilizer

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	0.898	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	7	%	ASTM D638
Tensile Strength at Yield	24.1	MPa	ASTM D638
Flexural Modulus, (Tangent)	1240	MPa	ASTM D790
Impact			
Gardner Impact, (-30 °C)	33.9	J	ASTM D3029
Notched Izod Impact, (23 °C)	130	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	82.2	°C	ASTM D648
UL Information			
Flame Rating	HB		UL 94