

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 fod contact applications.

<b>Processing Method</b>	Compounding; Injection Molding
<b>Attribute</b>	Food Contact Acceptable; Good Heat Aging Resistance; Heat Stabilized; Impact Copolymer
<b>Forms</b>	Pellets
<b>Appearance</b>	Natural Color
<b>Additive</b>	Heat Stabilizer

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	8.0	g/10 min	ASTM D1238
Density - Specific Gravity	0.898	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Elongation at Yield	7	%	ASTM D638
Tensile Strength at Yield	24.1	MPa	ASTM D638
Flexural Modulus, (Tangent)	1240	MPa	ASTM D790
<b>Impact</b>			
Gardner Impact, (-30 °C)	33.9	J	ASTM D3029
Notched Izod Impact, (23 °C)	130	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (66 psi)	82.2	°C	ASTM D648
<b>UL Information</b>			
Flame Rating	HB		UL 94