

## 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.

<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

Typical Properties	Nominal Value	Units	Test Method
<b>Physical</b>			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ASTM D1238
Density - Specific Gravity	0.898	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
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
<b>Impact</b>			
Gardner Impact, (-34 °C)	33.9	J	ASTM D3029
Notched Izod Impact	130	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (66 psi)	85	°C	ASTM D648