

Technical Data Sheet

**Polyfort POLYPROPYLENE PP 1500X-01NAT**



Polypropylene, Impact Copolymer

**Product Description**

PP 1500X is a specialty formulated high impact copolymer polypropylene.

<b>Processing Method</b>	Injection Molding
<b>Attribute</b>	High Impact Resistance; Impact Copolymer
<b>Forms</b>	Pellets

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	0.9	g/cm <sup>3</sup>	ASTM D792
<b>Mechanical</b>			
Tensile Elongation at Yield	>100	%	ASTM D638
Tensile Strength at Yield, (51 mm/min)	21.0	MPa	ASTM D638
Flexural Modulus	1000	MPa	ASTM D790
<b>Impact</b>			
Unnotched Izod Impact	No Break		ASTM D4812
Notched Izod Impact	530	J/m	ASTM D256
<b>Thermal</b>			
Deflection Temperature Under Load Unannealed (66 psi)	85	°C	ASTM D648