

Technical Data Sheet

Polyfort POLYPROPYLENE PP 1500X-01NAT



Polypropylene, Impact Copolymer

Product Description

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

Regulatory Status

For regulatory compliance information, see POLYPROPYLENE PP 1500X-01NAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	Asia-Pacific; North America
Processing Method	Injection Molding
Attribute	High Impact Resistance; Impact Copolymer
Forms	Pellets

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	0.9	g/cm ³	ASTM D792
Mechanical			
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
Impact			
Unnotched Izod Impact	No Break		ASTM D4812
Notched Izod Impact	530	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	85	°C	ASTM D648

Notes

These are typical property values not to be construed as specification limits.

Processing Techniques

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Company Information

For further information regarding the LyondellBasell company, please visit <http://www.lyb.com/>.

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