

Technical Data Sheet

Polyfort POLYPROPYLENE PP 984-01 NAT



Polypropylene, Impact Copolymer

Product Description

PP 984 is a medium impact polypropylene used primarily for automotive parts subjected to impact. It is available in colors.

Regulatory Status

For regulatory compliance information, see POLYPROPYLENE PP 984-01 NAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Asia-Pacific; North America
Processing Method	Injection Molding
Attribute	Impact Copolymer; Medium Impact Resistance
Forms	Pellets
Appearance	Colors Available
Application	Automotive Applications

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	8.0 to 10	g/10 min	ASTM D1238
Density - Specific Gravity	0.9	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield, (51 mm/min)	10	%	ASTM D638
Tensile Strength at Yield, (51 mm/min)	25.0	MPa	ASTM D638
Flexural Modulus	1000	MPa	ASTM D790
Impact			
Gardner Impact, (-30 °C)	10.8	J	ASTM D3029
Notched Izod Impact	100	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	90	°C	ASTM D648
Flammable			
Burning Rate, (No Standard)	<100	mm/min	ISO 3795

Notes

These are typical property values not to be construed as specification limits. The typical values for this product may have been tested on a natural grade.

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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