

Technical Data Sheet

Polyfort POLYPROPYLENE PP 3479-01



Polypropylene, Random Copolymer

Product Description

PP 3479 is a random copolymer polypropylene produced utilizing unique catalyst and processing technology. It was designed for injection molding and stretch blow molding applications that require improved impact and clarity.

Regulatory Status

For regulatory compliance information, see POLYPROPYLENE PP 3479-01 NATURAL [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	35	g/10 min	ASTM D1238
Density - Specific Gravity	0.9	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	10	%	ASTM D638
Tensile Strength at Yield	31	MPa	ASTM D638
Flexural Modulus	1310	MPa	ASTM D790
Impact			
Gardner Impact, (23 °C)	9.04	J	ASTM D5420
Notched Izod Impact	53	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	85		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	87	°C	ASTM D648
Optical			
Haze	11	%	ASTM D1003

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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