

Technical Data Sheet

Polyfort POLYPROPYLENE PP 1621-01



Polypropylene, Homopolymer

Product Description

PP 1621 is a low-flow homopolymer polypropylene primarily used for sheet strapping and profile extrusion applications.

Regulatory Status

For regulatory compliance information, see POLYPROPYLENE PP 1621-01 NATURAL [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	North America
Processing Method	Compounding; Profile Extrusion; Sheet Extrusion
Attribute	Homopolymer; Low Flow
Forms	Pellets
Application	Sheet

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	0.50	g/10 min	ASTM D1238
Density	0.9	g/cm ³	ASTM D1505
Mechanical			
Tensile Elongation at Yield, (51 mm/min)	12	%	ASTM D638
Tensile Strength at Yield, (50 mm/min)	33.0	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min, 1% Secant)	1380	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C)	33 to 60	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (0.45 MPa), (455 KPa)	110	°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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