

Technical Data Sheet

Polyfort POLYPROPYLENE PP 829-01 NATURAL



Polypropylene, Homopolymer

Product Description

PP 829-01 is a homopolymer PP with good stiffness and impact balance. Primarily used for interior automotive components, this material is also well suited for extrusion and injection processes.

Regulatory Status

For regulatory compliance information, see POLYPROPYLENE PP 829-01 NATURAL [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Limited Issue
Availability	Asia-Pacific
Processing Method	Compounding; Extrusion; Injection Molding
Attribute	Homopolymer
Forms	Pellets
Appearance	Black; Natural Color
Application	Automotive Interior Parts

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	0.900	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield	33	MPa	ISO 527-2
Tensile Strain at Break	>200	%	ISO 527-2
Flexural Modulus	1500	MPa	ISO 178
Impact			
Notched Izod Impact Strength	4.5	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load Unannealed (0.45 MPa)	86	°C	ISO 75-2/B

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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