

Technical Data Sheet

Polyfort PP 828-01 NATURAL



Polypropylene, Impact Copolymer

Product Description

PP 828-01 Natural is a molding grade impact polypropylene. This material meets the FDA Regulation 177.1520 for food contact applications.

Regulatory Status

For regulatory compliance information, see *Polyfort PP 828-01 NATURAL* [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	Asia-Pacific; North America
Processing Method	Compounding; Injection Molding
Attribute	Food Contact Acceptable; Good Heat Aging Resistance; Heat Stabilized; Impact Copolymer
Forms	Pellets
Appearance	Natural Color
Additive	Heat Stabilizer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	8.0	g/10 min	ASTM D1238
Density - Specific Gravity	0.898	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield	7	%	ASTM D638
Tensile Strength at Yield	24.1	MPa	ASTM D638
Flexural Modulus, (Tangent)	1240	MPa	ASTM D790
Impact			
Gardner Impact, (-30 °C)	33.9	J	ASTM D3029
Notched Izod Impact, (23 °C)	130	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	82.2	°C	ASTM D648
UL Information			
Flame Rating	HB		UL 94

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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