

Technical Data Sheet

Polyfort PP 828H-01 NAT



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 828H-01 NAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ASTM D1238
Density - Specific Gravity	0.898	g/cm ³	ASTM D792
Mechanical			
Tensile Elongation at Yield, (51 mm/min)	8.0	%	ASTM D638
Tensile Strength at Yield, (51 mm/min)	24.1	MPa	ASTM D638
Flexural Modulus	1100	MPa	ASTM D790
Impact			
Gardner Impact, (-34 °C)	33.9	J	ASTM D3029
Notched Izod Impact	130	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	85	°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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