

Technical Data Sheet

Polyfort PP 1329H-01

Polypropylene Impact Copolymer
 LyondellBasell Industries
 Engineering Plastics

Product Description

Polyfort PP 1329H-01 is a natural high flow, medium impact polypropylene that is suitable for molding thin parts with long mold flow distances. It permits reduction of injection temperatures and pressures and minimizes stress in molding.

General

Features	<ul style="list-style-type: none"> • Food Contact Acceptable • High Flow 	<ul style="list-style-type: none"> • Impact Copolymer • Medium Impact Resistance
Uses	<ul style="list-style-type: none"> • Thin-walled Parts 	
Agency Ratings	<ul style="list-style-type: none"> • FDA 21 CFR 177.1520 	
Appearance	<ul style="list-style-type: none"> • Natural Color 	
Forms	<ul style="list-style-type: none"> • Pellets 	
Processing Method	<ul style="list-style-type: none"> • Injection Molding 	

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density / Specific Gravity	0.902	0.900 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	17 to 23 g/10 min	17 to 23 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength (Yield)	3050 psi	21.0 MPa	ASTM D638
Tensile Elongation (Yield)	10 %	10 %	ASTM D638
Flexural Modulus	154000 psi	1070 MPa	ASTM D790
Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
Notched Izod Impact (73°F (23°C))	1.9 ft·lb/in	100 J/m	ASTM D256
Gardner Impact	120 in·lb	13.6 J	

Notes

These are typical property values not to be construed as specification limits.