

Technical Data Sheet

Polyfort PP 1329HU-31 BLACK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

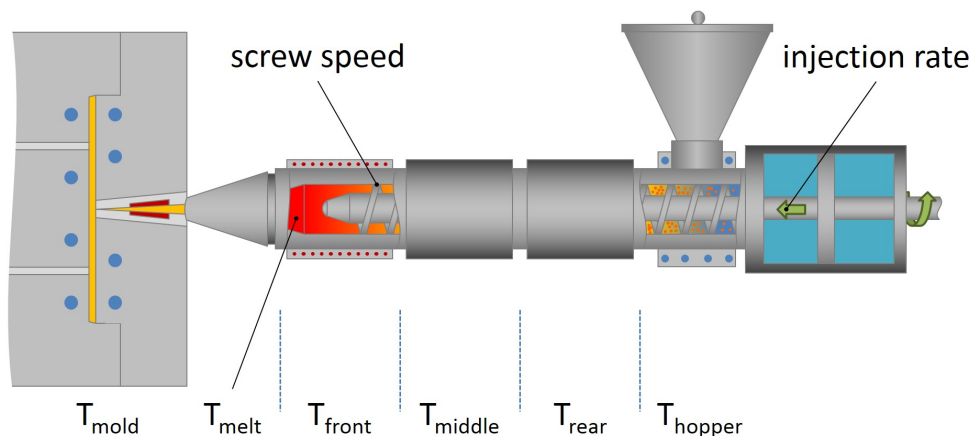
Polyfort PP 1329HU is a high flow UV stabilized, medium impact copolymer polypropylene. It is suitable for applications which require a material with the following properties:

Regulatory Status

For regulatory compliance information, see Polyfort PP 1329HU-31 BLACK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Attribute	Medium Impact Resistance
Appearance	Colors Available; Natural Color

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	16 to 20	g/10 min	ASTM D1238
Density - Specific Gravity	0.901	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	25	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min, Tangent)	1120	MPa	ASTM D790
Tensile Elongation at Break	130	%	ASTM D638
Impact			
Notched Izod Impact	120	J/m	ASTM D256
Hardness			
Rockwell Hardness, (R-Scale)	83		ASTM D785
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	80	°C	ASTM D648



Injection Parameters	Nominal Value	Units
Drying Time	2.0 to 3.0	hr
Drying Temperature	80	°C
Processing (Melt) Temp	220 to 260	°C
Injection Rate	Moderate-Fast	
Mold Temperature	30 to 60	°C

Notes

These are typical property values not to be construed as specification limits. The typical values for this product may have been tested on a natural grade.

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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