Technical Data Sheet

Polyfort PP 3761U-3120 BLACK

Polypropylene, Homopolymer

Product Description

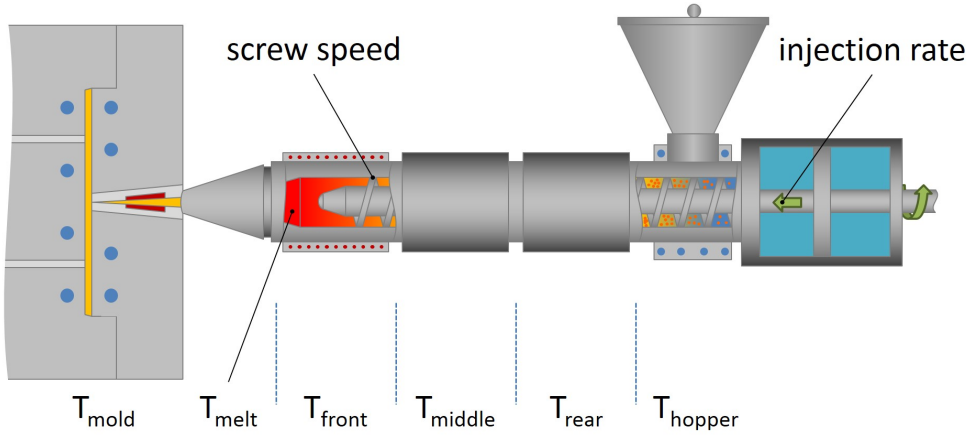
Polyfort PP 3761U-3120 is an Unfilled Polypropylene Homopolymer

Regulatory Status

For regulatory compliance information, see *Polyfort* PP 3761U-3120 BLACK Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Appearance	Colors Available

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate	12	g/10 min	ASTM D1238
Density - Specific Gravity	0.9	g/cm³	ASTM D792
Mechanical			
Tensile Strength at Yield, (500 mm/min)	34.6	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min)	1780	MPa	ASTM D790
Flexural Strength at Yield	49.3	MPa	ASTM D790
Tensile Elongation at Break, (0.0 mm/min)	43	%	ASTM D638
Impact			
Notched Izod Impact, (23 °C)	57	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	110	°C	ASTM D648



Injection Parameters	Nominal Value	Units

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

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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