

Technical Data Sheet

Polyfort M-2356 BK6453BLK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

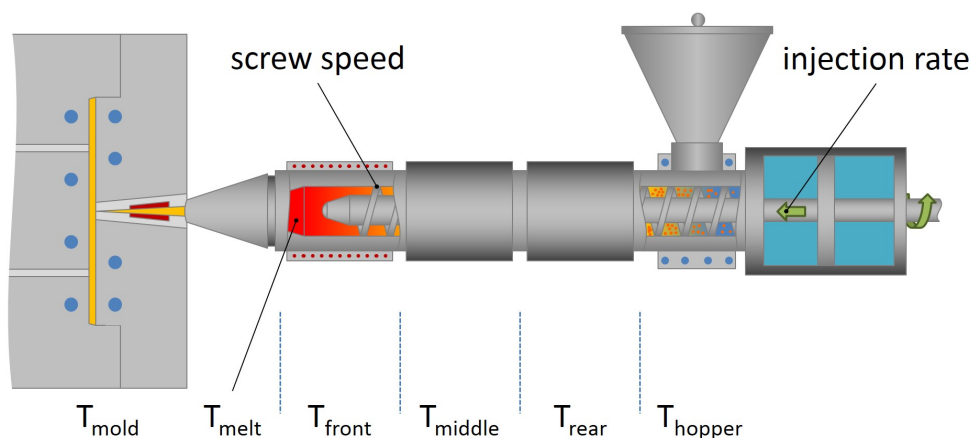
Polyfort M-2356 BK6453BLK is a Polypropylene, Unspecified material.

Regulatory Status

For regulatory compliance information, see M-2356 BK6453BLK [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Discontinued
Availability	North America
Forms	Pellets
Appearance	Black

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.05	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	54.5	MPa	ASTM D638
Flexural Modulus, (23 °C)	4140	MPa	ASTM D790
Tensile Elongation at Break, (23 °C)	5.0	%	ASTM D638
Flexural Strength, (23 °C)	84.8	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C, 6.35 mm)	130	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	138	°C	ASTM D648



Injection Parameters	Nominal Value	Units
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Drying Time	2	hr
Drying Temperature	77	°C
Nozzle Temperature	182 to 193	°C
Processing (Melt) Temp	199 to 232	°C
Front Temperature	182 to 199	°C
Middle Temperature	204 to 227	°C
Rear Temperature	199 to 210	°C
Injection Rate	Slow- Moderate	
Back Pressure	0.00 to 0.345	MPa
Mold Temperature	38 to 71	°C

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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