

Technical Data Sheet

Polyfort FPP 1640-31 BLACK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

PP 35% Talc/Glass Fiber

Regulatory Status

For regulatory compliance information, see Polyfort FPP 1640-31 BLACK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Filler/Reinforcement	Glass Fiber\Talc, 35%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density	1.2	g/cm ³	ISO 1183
Mechanical			
Tensile Stress at Yield, (50 mm/min)	63.0	MPa	ISO 527-2
Flexural Modulus, (2.0 mm/min)	5800	MPa	ISO 178
Impact			
Notched Izod Impact Strength	5.7	kJ/m ²	ISO 180
Thermal			
Deflection Temperature Under Load Unannealed (1.80 MPa)	135	°C	ISO 75-2/A
Additional Information			
Filler Content	35	%	ASTM D5630



Injection Parameters	Nominal Value	Units
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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.

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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