

Technical Data Sheet

Polyfort FPP 1512E-31 BLACK



Polypropylene, Unspecified (PP, Unspecified)

Product Description

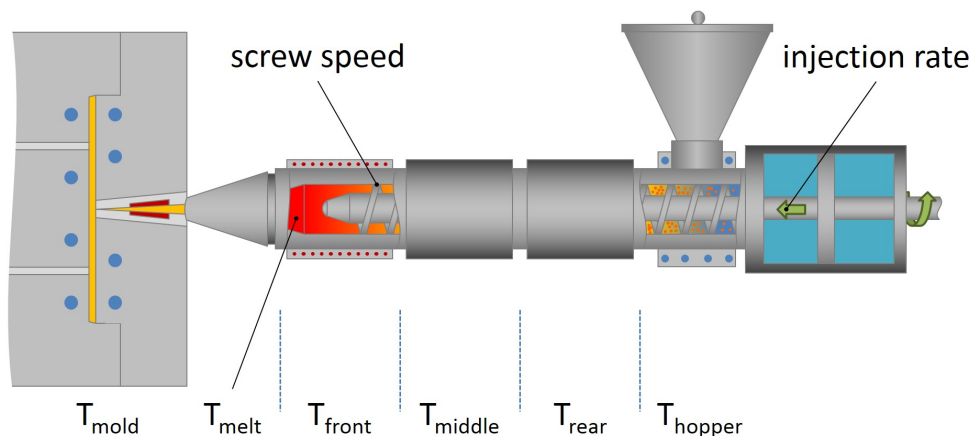
Polyfort FPP 1512E is a 10% Talc-Filled, Low-Flow Polypropylene

Regulatory Status

For regulatory compliance information, see Polyfort FPP 1512E-31 BLACK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

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

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	0.83	g/10 min	ASTM D1238
Mechanical			
Tensile Strength at Yield	33.9	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min, Secant)	1900	MPa	ASTM D790
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	114	°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	

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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