

Technical Data Sheet

Polyfort TPP-0140 BK(28M)BLK



Polypropylene, Homopolymer

Product Description

40% Talc Filled, Homopolymer Polypropylene Melt Flow Adjustable for Application Colors Available Add "U" for UV Stabilized Add "H" for Heat Stabilized Meets TSM-5601G-3A

Regulatory Status

For regulatory compliance information, see TPP-0140 BK(28M)BLK [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Processing Method	Injection Molding
Attribute	Homopolymer
Appearance	Colors Available
Filler/Reinforcement	Talc, 40%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Density - Specific Gravity	1.24	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield	31	MPa	ASTM D638
Flexural Modulus	3590	MPa	ASTM D790
Tensile Elongation at Break	>10	%	ASTM D638
Flexural Strength	53.8	MPa	ASTM D790
Impact			
Notched Izod Impact, (3.18 mm)	27	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	82.2	°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
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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