

Technical Data Sheet

Polyfort SPP1A30HBBKBLK



Polypropylene, Homopolymer

Product Description

10% Talc/20% Glass Reinforced, Chemically Coupled, Heat Stabilized Homopolymer Polypropylene

Regulatory Status

For regulatory compliance information, see SPP1A30HBBKBLK [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Attribute	Homopolymer
Forms	Pellets
Filler/Reinforcement	Glass Fiber\Talc, 30%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.14	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Yield, (51 mm/min, 23 °C, Type I)	65.5	MPa	ASTM D638
Flexural Modulus, (1.3 mm/min, 23 °C, 50.8 mm, Tangent)	4690	MPa	ASTM D790
Impact			
Notched Izod Impact, (23 °C)	69	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (264 psi)	143	°C	ASTM D648
UL Information			
Flame Rating, (1.6 mm)	HB		UL 94
UL File Number, (USA)	E51193		

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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