

Technical Data Sheet

Polyfort J-60/40 NAT



Polypropylene, Homopolymer

Product Description

Polyfort J-60/40 NAT is a Polypropylene Homopolymer Glass Fiber, 40% filled material. Features include: Homopolymer.

Regulatory Status

For regulatory compliance information, see J-60/40 NAT [Product Stewardship Bulletin \(PSB\) and Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	North America
Attribute	Homopolymer
Forms	Pellets
Appearance	Natural Color
Filler/Reinforcement	Glass Fiber, 40%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	4.0	g/10 min	ASTM D1238
Density - Specific Gravity	1.24	g/cm ³	ASTM D792
Mechanical			
Tensile Strength, (23 °C)	72.4	MPa	ASTM D638
Flexural Modulus, (23 °C, Tangent)	7250	MPa	ASTM D790
Tensile Elongation at Break	7	%	ASTM D638
Tensile Modulus, (23 °C)	7580	MPa	ASTM D638
Flexural Strength, (23 °C)	152	MPa	ASTM D790
Impact			
Notched Izod Impact Strength	9	kJ/m ²	ISO 180

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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