

Technical Data Sheet

Polyfort AQUALOY 125 NAT



Polypropylene, Unspecified (PP, Unspecified)

Product Description

Aqualoy 125 is 20% Glass-Reinforced Chemically Coupled Polypropylene

Regulatory Status

For regulatory compliance information, see *Polyfort* AQUALOY 125 NAT [Product Stewardship Bulletin \(PSB\)](#) and [Safety Data Sheet \(SDS\)](#).

Status	Commercial: Active
Availability	Asia-Pacific; North America
Processing Method	Injection Molding
Attribute	Chemically Coupled
Filler/Reinforcement	Glass Fiber, 20%

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	5.6	g/10 min	ASTM D1238
Density - Specific Gravity	1.03	g/cm ³	ASTM D792
Mechanical			
Tensile Strength at Break	72.3	MPa	ASTM D638
Flexural Modulus	4340	MPa	ASTM D790
Impact			
Notched Izod Impact	96	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load Unannealed (66 psi)	162	°C	ASTM D648
Additional Information			
Filler Content	20	%	ASTM D5630

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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