

Technical Data Sheet

Aqualoy 125

Polypropylene
LyondellBasell Industries
Engineering Plastics

Product Description

Aqualoy 125 N is 20% Glass-Reinforced Chemically Coupled Polypropylene

General

Filler / Reinforcement	• Glass Fiber, 20% Filler by Weight
Features	• Chemically Coupled
Processing Method	• Injection Molding

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
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Density / Specific Gravity	1.03	1.03 g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR) (230°C/2.16 Kg)	5.6 g/10 min	5.6 g/10 min	ASTM D1238

Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
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Tensile Strength (Break)	10500 psi	72.3 MPa	ASTM D638
Flexural Modulus	630000 psi	4340 MPa	ASTM D790

Impact	Nominal Value (English)	Nominal Value (SI)	Test Method
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Notched Izod Impact	1.8 ft·lb/in	96 J/m	ASTM D256
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Thermal	Nominal Value (English)	Nominal Value (SI)	Test Method
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Deflection Temperature Under Load 66 Psi (0.45 Mpa), Unannealed	324 °F	162 °C	ASTM D648
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Additional Information	Nominal Value (English)	Nominal Value (SI)	Test Method
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Filler Content	20 %	20 %	ASTM D5630
NSF Listed			

Notes

These are typical property values not to be construed as specification limits.