

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

Notes

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