

Polyfort AQUALOY 125 WWHI

LyondellBasell Industries - Polypropylene

General Information

Product Description

Aqualoy 125 is 20% Glass-Reinforced Chemically Coupled Polypropylene

General

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

Properties ¹

| Physical | Nominal Value | Unit | Test Method |
|--|---------------|----------|-------------|
| Density / Specific Gravity | 1.03 | | ASTM D792 |
| Melt Mass-Flow Rate (MFR) (230°C/2.16 kg) | 5.6 | g/10 min | ASTM D1238 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength (Break) | 10500 | psi | ASTM D638 |
| Flexural Modulus | 629000 | psi | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact | 1.8 | ft-lb/in | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (66 psi, Unannealed) | 324 | °F | ASTM D648 |