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## Technical Data Sheet

### *Polyfort* AQUALOY 125 NAT



Polypropylene, Unspecified (PP, Unspecified)

#### Product Description

Aqualoy 125 is 20% Glass-Reinforced Chemically Coupled Polypropylene

|                      |                    |
|----------------------|--------------------|
| Processing Method    | Injection Molding  |
| Attribute            | Chemically Coupled |
| Filler/Reinforcement | Glass Fiber, 20%   |

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