

## Technical Data Sheet

### *Polyfort* AQUALOY 125 BBLK



Polypropylene, Unspecified (PP, Unspecified)

#### Product Description

Aqualoy 125 is 20% Glass-Reinforced Chemically Coupled Polypropylene

#### Regulatory Status

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

|                             |                             |
|-----------------------------|-----------------------------|
| <b>Status</b>               | Commercial: Active          |
| <b>Availability</b>         | Asia-Pacific; North America |
| <b>Processing Method</b>    | Injection Molding           |
| <b>Attribute</b>            | Chemically Coupled          |
| <b>Filler/Reinforcement</b> | 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  |

## 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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