

## PolyOne Edgetek® AT-30GB/000 Acetal-Copolymer, Glass Bead Filled (discontinued \*\*)

Category : Polymer , Thermoplastic , Acetal (POM)

**Material Notes:**

Description/Features:Glass Bead FilledInformation provided by PolyOne Corporation.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_PolyOne-Edgetek-AT-30GB000-Acetal-Copolymer-Glass-Bead-Filled-nbspdiscontinued-.php](http://www.lookpolymers.com/polymer_PolyOne-Edgetek-AT-30GB000-Acetal-Copolymer-Glass-Bead-Filled-nbspdiscontinued-.php)

| Physical Properties   | Metric                       | English                       | Comments                    |
|-----------------------|------------------------------|-------------------------------|-----------------------------|
| Specific Gravity      | 1.63 g/cc                    | 1.63 g/cc                     | ASTM D792                   |
| Water Absorption      | 0.90 %<br>@Thickness 3.17 mm | 0.90 %<br>@Thickness 0.125 in | 24 hr. Immersion; ASTM D570 |
| Linear Mold Shrinkage | 0.0070 - 0.0090 cm/cm        | 0.0070 - 0.0090 in/in         | ASTM D955                   |

| Mechanical Properties   | Metric   | English   | Comments                                      |
|-------------------------|--|---|---|
| Tensile Strength, Yield | 44.8 MPa   | 6500 psi  | Type 1 - Rigids, Yield, 0.2 in/min; ASTM D638 |
| Elongation at Break     | 5.0 - 6.0 %  | 5.0 - 6.0 %   | Type 1 - Rigids, 0.2 in/min; ASTM D638        |
| Tensile Modulus         | 3.38 GPa   | 490 ksi   | Type 1 - Rigids, 0.2 in/min; ASTM D638        |
| Flexural Strength       | 62.1 MPa   | 9000 psi  | ASTM D790                                     |
| Flexural Modulus        | 3.17 GPa   | 460 ksi   | ASTM D790                                     |
| Izod Impact, Notched    | 0.374 J/cm<br>@Thickness 3.17 mm,<br>Temperature 23.0 °C | 0.700 ft-lb/in<br>@Thickness 0.125 in,<br>Temperature 73.4 °F | Method A, Injection Molded; ASTM D256         |

| Thermal Properties                          | Metric | English | Comments              |
|---|--------|---------|-----------------------|
| Deflection Temperature at 1.8 MPa (264 psi) | 116 °C | 240 °F  | Unannealed; ASTM D648 |

| Processing Properties | Metric       | English      | Comments |
|-----------------------|--------------|--------------|----------|
| Melt Temperature      | 193 - 210 °C | 380 - 410 °F | Molding  |

**Contact Songhan Plastic Technology Co.,Ltd.**Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215, Fengxian District, Shanghai City, China