

BLUESTAR BS130 Acetal Copolymer

Category : Polymer , Thermoplastic , Acetal (POM) , Acetal Copolymer, Unreinforced

Material Notes:

Information provided by Polymer Technology and Services, LLC (PTS).

Order this product through the following link:

http://www.lookpolymers.com/polymer_BLUESTAR-BS130-Acetal-Copolymer.php

| Physical Properties | Metric | English | Comments |
|-----------------------------|---|---|------------|
| Specific Gravity | 1.41 g/cc | 1.41 g/cc | ISO 1183 |
| Linear Mold Shrinkage, Flow | 0.018 - 0.022 cm/cm | 0.018 - 0.022 in/in | Horizontal |
| Melt Flow | 13 g/10 min @Load 2.16 kg, Temperature 190 °C | 13 g/10 min @Load 4.76 lb, Temperature 374 °F | ISO 1133 |

| Mechanical Properties | Metric | English | Comments |
|----------------------------|------------------------|----------------------------|-------------|
| Hardness, Rockwell M | 80 | 80 | ISO 2039-2 |
| Tensile Strength at Break | 62.0 MPa | 8990 psi | ISO 527-1/2 |
| Elongation at Break | 40 % | 40 % | ISO 527-1/2 |
| Tensile Modulus | 2.50 GPa | 363 ksi | ISO 527-1/2 |
| Flexural Strength | 90.0 MPa | 13100 psi | ISO 178 |
| Flexural Modulus | 2.35 GPa | 341 ksi | ISO 178 |
| Izod Impact, Notched (ISO) | 5.50 kJ/m ² | 2.62 ft-lb/in ² | ISO 179/1eA |

| Thermal Properties | Metric | English | Comments |
|--|-------------|----------------|-----------|
| CTE, linear | 120 µm/m-°C | 66.7 µin/in-°F | ISO 11359 |
| Melting Point | 165 °C | 329 °F | ISO 3146 |
| Deflection Temperature at 1.8 MPa (264 psi) | 100 °C | 212 °F | ISO 75 |

Contact Songhan Plastic Technology Co.,Ltd.

Website : www.lookpolymers.comEmail : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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