

## E-Polymers TEKAMID® TA250G33 33% Glass Fiber Reinforced PA66, DAM

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

### Material Notes:

33% Glass Fiber Reinforced, Good surface Information provided by E-Polymers Co. Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_E-Polymers-TEKAMID-TA250G33-33-Glass-Fiber-Reinforced-PA66-DAM.php](http://www.lookpolymers.com/polymer_E-Polymers-TEKAMID-TA250G33-33-Glass-Fiber-Reinforced-PA66-DAM.php)

| Physical Properties   | Metric       | English       | Comments              |
|-----------------------|--------------|---------------|-----------------------|
| Density               | 1.38 g/cc    | 0.0499 lb/in³ | ASTM D792             |
| Water Absorption      | 0.70 %       | 0.70 %        | 23°C/24 hr; ASTM D570 |
| Linear Mold Shrinkage | 0.0040 cm/cm | 0.0040 in/in  |                       |

| Mechanical Properties   | Metric    | English       | Comments  |
|-------------------------|-----------|---------------|-----------|
| Tensile Strength, Yield | 190 MPa   | 27600 psi     | ASTM D638 |
| Elongation at Break     | 3.0 %     | 3.0 %         | ASTM D638 |
| Flexural Yield Strength | 280 MPa   | 40600 psi     | ASTM D790 |
| Flexural Modulus        | 9.00 GPa  | 1310 ksi      | ASTM D790 |
| Izod Impact, Notched    | 1.30 J/cm | 2.44 ft-lb/in | ASTM D256 |

| Thermal Properties                          | Metric | English | Comments   |
|---------------------------------------------|--------|---------|------------|
| Melting Point                               | 260 °C | 500 °F  | ASTM D2133 |
| Deflection Temperature at 0.46 MPa (66 psi) | 260 °C | 500 °F  | ASTM D648  |
| Deflection Temperature at 1.8 MPa (264 psi) | 252 °C | 486 °F  | ASTM D648  |
| Flammability, UL94                          | HB     | HB      |            |

| Processing Properties  | Metric        | English      | Comments |
|------------------------|---------------|--------------|----------|
| Processing Temperature | 280 - 300 °C  | 536 - 572 °F |          |
| Mold Temperature       | 80.0 - 100 °C | 176 - 212 °F |          |

## Contact Songhan Plastic Technology Co.,Ltd.

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