

## Unitika M2350 PA6, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6

### Material Notes:

Nano composite nylonInformation provided by Unitika Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Unitika-M2350-PA6-Conditioned.php](http://www.lookpolymers.com/polymer_Unitika-M2350-PA6-Conditioned.php)

| Physical Properties                | Metric             | English                   | Comments  |
|------------------------------------|--------------------|---------------------------|-----------|
| Density                            | 1.15 g/cc          | 0.0415 lb/in <sup>3</sup> | ASTM D792 |
| Moisture Absorption at Equilibrium | 2.8 %              | 2.8 %                     | 50% RH    |
| Linear Mold Shrinkage, Flow        | 0.0080 cm/cm       | 0.0080 in/in              | ASTM D955 |
|                                    | @Thickness 3.20 mm | @Thickness 0.126 in       |           |
| Linear Mold Shrinkage, Transverse  | 0.010 cm/cm        | 0.010 in/in               |           |

| Mechanical Properties     | Metric    | English       | Comments  |
|---------------------------|-----------|---------------|-----------|
| Tensile Strength at Break | 59.0 MPa  | 8560 psi      | ASTM D638 |
| Elongation at Break       | 6.0 %     | 6.0 %         | ASTM D638 |
| Flexural Strength         | 72.0 MPa  | 10400 psi     | ASTM D790 |
| Flexural Modulus          | 1.70 GPa  | 247 ksi       | ASTM D790 |
| Izod Impact, Notched      | 2.11 J/cm | 3.95 ft-lb/in | ASTM D256 |

## Contact Songhan Plastic Technology Co.,Ltd.

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