

## Unitika RUN35-C25 PA6, Conditioned

Category : Polymer , Thermoplastic , Nylon , Nylon 6

**Material Notes:**

High modulus and low warpage nylon Information provided by Unitika Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Unitika-RUN35-C25-PA6-Conditioned.php](http://www.lookpolymers.com/polymer_Unitika-RUN35-C25-PA6-Conditioned.php)

Physical Properties	Metric	English	Comments
Density	1.66 g/cc	0.0600 lb/in <sup>3</sup>	ISO 1183
Moisture Absorption at Equilibrium	1.0 %	1.0 %	50% RH; ISO 62
Linear Mold Shrinkage, Flow	0.0010 cm/cm @Thickness 3.20 mm	0.0010 in/in @Thickness 0.126 in	
Linear Mold Shrinkage, Transverse	0.0050 cm/cm @Thickness 3.20 mm	0.0050 in/in @Thickness 0.126 in	

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	129 MPa	18700 psi	ISO 527-1/-2
Elongation at Break	1.7 %	1.7 %	ISO 527-1/-2
Tensile Modulus	13.0 GPa	1890 ksi	ISO 527-1/-2
Flexural Strength	200 MPa	29000 psi	ISO 178
Flexural Modulus	12.0 GPa	1740 ksi	ISO 178
Charpy Impact Unnotched	4.00 J/cm <sup>2</sup>	19.0 ft-lb/in <sup>2</sup>	ISO 179-1
Charpy Impact, Notched	0.600 J/cm <sup>2</sup>	2.86 ft-lb/in <sup>2</sup>	ISO 179-1

Thermal Properties	Metric	English	Comments
CTE, linear	15.0 µm/m-°C	8.33 µin/in-°F	ISO 11359-2

## Contact Songhan Plastic Technology Co.,Ltd.

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