

Unitika RUN35-C25 PA6, Dry

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-Dry.php

Physical Properties	Metric	English	Comments
Density	1.66 g/cc	0.0600 lb/in ³	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	164 MPa	23800 psi	ISO 527-1/-2
Elongation at Break	1.3 %	1.3 %	ISO 527-1/-2
Tensile Modulus	17.5 GPa	2540 ksi	ISO 527-1/-2
Flexural Strength	240 MPa	34800 psi	ISO 178
Flexural Modulus	15.0 GPa	2180 ksi	ISO 178
Charpy Impact Unnotched	3.50 J/cm ²	16.7 ft-lb/in ²	ISO 179-1
Charpy Impact, Notched	0.500 J/cm ²	2.38 ft-lb/in ²	ISO 179-1

Thermal Properties	Metric	English	Comments
CTE, linear	15.0 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	8.33 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	ISO 11359-2
Deflection Temperature at 0.46 MPa (66 psi)	194 $^\circ\text{C}$	381 $^\circ\text{F}$	ISO 75-1/-2
Deflection Temperature at 1.8 MPa (264 psi)	191 $^\circ\text{C}$	376 $^\circ\text{F}$	ISO 75-1/-2

Contact Songhan Plastic Technology Co.,Ltd.Website : www.lookpolymers.com

Email : sales@lookpolymers.com

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

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