

Unitika RUN35-C25 Weather resistant PA6, Dry

Category : Polymer , Thermoplastic , Nylon , Nylon 6

Material Notes:

Weather resistant, noncoating, external exposure-compatible Information provided by Unitika Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Unitika-RUN35-C25-Weather-resistant-PA6-Dry.php

Physical Properties	Metric	English	Comments
Density	1.66 g/cc	0.0600 lb/in ³	ASTM D792
Moisture Absorption at Equilibrium	1.05 %	1.05 %	50% RH
Linear Mold Shrinkage, Flow	0.0020 cm/cm	0.0020 in/in	ASTM D955
Linear Mold Shrinkage, Transverse	0.0050 cm/cm	0.0050 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell M	94	94	ASTM D785
Tensile Strength at Break	171 MPa	24800 psi	ASTM D638
Elongation at Break	3.5 %	3.5 %	ASTM D638
Tensile Modulus	18.4 GPa	2670 ksi	ASTM D638
Flexural Strength	247 MPa	35800 psi	ASTM D790
Flexural Modulus	16.3 GPa	2360 ksi	ASTM D790
Izod Impact, Notched	0.470 J/cm	0.881 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
CTE, linear, Parallel to Flow	1.50 $\mu\text{m}/\text{m}\cdot^\circ\text{C}$	0.833 $\mu\text{in}/\text{in}\cdot^\circ\text{F}$	ASTM D696
Deflection Temperature at 0.46 MPa (66 psi)	195 $^\circ\text{C}$	383 $^\circ\text{F}$	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	213 $^\circ\text{C}$	415 $^\circ\text{F}$	ASTM D648

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