

Polyram PlusTek RB300G6 Nylon 6, 30% Glass Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6, 30% Glass Fiber Filled

Material Notes:

30% glass-fiber reinforced polyamide 6 for injection molding applications Information provided by Polyram Ram On Ind.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-PlusTek-RB300G6-Nylon-6-30-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	DIN 53479
Moisture Absorption at Equilibrium	0.90 %	0.90 %	50%RH; DIN 53714
Linear Mold Shrinkage	0.0020 - 0.0030 cm/cm	0.0020 - 0.0030 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	>= 130 MPa	>= 18900 psi	ASTM-D638
Elongation at Break	>= 2.0 %	>= 2.0 %	ASTM-D638
Flexural Strength	>= 200 MPa	>= 29000 psi	ASTM D790
Flexural Modulus	>= 6.50 GPa	>= 943 ksi	ASTM-D790
Izod Impact, Notched	>= 0.800 J/cm @Temperature 23.0 °C	>= 1.50 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Melting Point	218 °C	424 °F	
Deflection Temperature at 0.46 MPa (66 psi)	>= 210 °C	>= 410 °F	DIN 53461
Deflection Temperature at 1.8 MPa (264 psi)	>= 190 °C	>= 374 °F	DIN 53461
Flammability, UL94	HB @Thickness 3.00 mm	HB @Thickness 0.118 in	

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