

Polyram PlusTek RA325J5 Nylon 6.6, 25% Glass beads and Glass Fiber, Flame Retardant

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass Fiber Filled, Flame Retardant

Material Notes:

25% glass beads and glass fiber reinforced, flame retardant polyamide 6.6 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-RA325J5-Nylon-66-25-Glass-beads-and-Glass-Fiber-Flame-Retardant.php

Physical Properties	Metric	English	Comments
Density	1.35 g/cc	0.0488 lb/in ³	DIN 53479
Water Absorption	6.0 %	6.0 %	DIN 53495
Moisture Absorption at Equilibrium	1.9 %	1.9 %	50%RH; DIN 53714
Linear Mold Shrinkage	0.0090 cm/cm	0.0090 in/in	

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	75.0 MPa	10900 psi	ASTM-D638
Elongation at Break	6.0 %	6.0 %	ASTM-D638
Tensile Modulus	5.00 GPa	725 ksi	ASTM-D790
Flexural Strength	130 MPa	18900 psi	ASTM D790
Flexural Modulus	3.70 GPa	537 ksi	ASTM-D790
Izod Impact, Notched	0.400 J/cm @Temperature 23.0 °C	0.749 ft-lb/in @Temperature 73.4 °F	ASTM-D256

Thermal Properties	Metric	English	Comments
Melting Point	256 °C	493 °F	
Flammability, UL94	V-0 @Thickness 3.00 mm	V-0 @Thickness 0.118 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	DIN 53482
Surface Resistance	1.00e+13 ohm	1.00e+13 ohm	DIN 53482
	3.7	3.7	

Dielectric Constant Electrical Properties	Metric @ Frequency 1e+6 Hz	English @ Frequency 1e+6 Hz	VDE 0303/4 Comments
Dielectric Strength	80.0 kV/mm	2030 kV/in	VDE 0303/4

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