

Polyram PlusTek PD304G6YL55 Nylon 12 for Injection Molding, 30% Glass-fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 12 , Nylon 12, 30% Glass Fiber Filled

Material Notes:

30% Glass-fiber reinforced Nylon 12 for injection molding applications. UL listed. Information provided by Polyram.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-PlusTek-PD304G6YL55-Nylon-12-for-Injection-Molding-30-Glass-fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.23 g/cc	0.0444 lb/in ³	ISO 1183
Linear Mold Shrinkage	0.0020 - 0.0030 cm/cm	0.0020 - 0.0030 in/in	ISO 2577

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	120 MPa	17400 psi	ISO 527
Elongation at Break	3.5 %	3.5 %	ISO 527
Tensile Modulus	6.00 GPa	870 ksi	ISO 527
Flexural Strength	160 MPa	23200 psi	ISO 178
Flexural Modulus	5.20 GPa	754 ksi	ISO 178
Izod Impact, Notched (ISO)	15.0 kJ/m ²	7.14 ft-lb/in ²	ISO 180

Thermal Properties	Metric	English	Comments
Melting Point	165 - 175 °C	329 - 347 °F	ISO 11357
Deflection Temperature at 0.46 MPa (66 psi)	177 °C	351 °F	ISO 75
Deflection Temperature at 1.8 MPa (264 psi)	165 °C	329 °F	ISO 75
Flammability, UL94	HB	HB	
	@Thickness 1.60 mm	@Thickness 0.0630 in	
	HB	HB	
	@Thickness 3.00 mm	@Thickness 0.118 in	

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