

Polyram PlusTek RA353M8 Nylon 66, 40% Mineral Filled

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Mineral Filled

Material Notes:

Information provided by Polymer Technology and Services, LLC (PTS).

Order this product through the following link:

http://www.lookpolymers.com/polymer_Polyram-PlusTek-RA353M8-Nylon-66-40-Mineral-Filled.php

Physical Properties	Metric	English	Comments
Density	1.45 g/cc	0.0524 lb/in ³	DIN 53479
Linear Mold Shrinkage	0.0050 - 0.0090 cm/cm	0.0050 - 0.0090 in/in	

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength, Yield	95.1 MPa @Thickness 3.17 mm	13800 psi @Thickness 0.125 in	ASTM D638
Elongation at Break	3.0 % @Thickness 3.17 mm	3.0 % @Thickness 0.125 in	ASTM D638
Flexural Strength	160 MPa @Thickness 3.17 mm	23200 psi @Thickness 0.125 in	ASTM D790
Flexural Modulus	6.60 GPa @Thickness 3.17 mm	957 ksi @Thickness 0.125 in	ASTM D790
Izod Impact, Notched	0.399 J/cm @Thickness 3.17 mm	0.748 ft-lb/in @Thickness 0.125 in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	256 °C	493 °F	ASTM D789
Deflection Temperature at 1.8 MPa (264 psi)	175 °C	347 °F	ASTM D648
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