

Ashley Polymers Ashlene® 520-40G Nylon 66, 40% Glass Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 40% Glass Fiber Filled

Material Notes:

A general purpose 40% glass reinforced Nylon 66 resin.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-520-40G-Nylon-66-40-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.47 g/cc	0.0531 lb/in ³	ASTM D792
Water Absorption	0.70 %	0.70 %	24 hrs. ASTM D570
Moisture Absorption at Equilibrium	1.5 %	1.5 %	50% RH; ASTM D570
Water Absorption at Saturation	4.7 %	4.7 %	ASTM D570
Linear Mold Shrinkage	0.0030 cm/cm	0.0030 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength, Ultimate	179 MPa	26000 psi	ATSM D638
Elongation at Break	3.0 %	3.0 %	
Flexural Modulus	9.70 GPa	1410 ksi	ASTM D790
Izod Impact, Notched	1.23 J/cm	2.30 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	252 °C	486 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	251 °C	484 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	251 °C	484 °F	ASTM D648

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