

Ashley Polymers Ashlene® 541-33G Nylon 66, 33% Glass Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 30% Glass Fiber Filled

Material Notes:

Nylon 66, 33% glass reinforced for extrusion applications.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-541-33G-Nylon-66-33-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.37 g/cc	0.0495 lb/in ³	ASTM D792
Water Absorption	0.80 %	0.80 %	24 hrs; ASTM D570
Moisture Absorption at Equilibrium	1.7 %	1.7 %	50% RH; ASTM D570
Water Absorption at Saturation	5.4 %	5.4 %	ASTM D570
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength, Ultimate	180 MPa	26100 psi	ATSM D638
Elongation at Break	10 %	10 %	ASTM D638
Flexural Modulus	8.40 GPa	1220 ksi	ASTM D790
Izod Impact, Notched	1.33 J/cm	2.49 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Melting Point	251 °C	484 °F	ASTM D3418
Deflection Temperature at 0.46 MPa (66 psi)	246 °C	475 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	243 °C	469 °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