

Ashley Polymers Ashlene® 528L-30G Nylon 66, 30% Glass Reinforced

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

Material Notes:

General purpose glass fiber reinforced Nylon 66 designed for parts requiring excellent thermal and dimensional stability and higher strength than conventional resins. Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-528L-30G-Nylon-66-30-Glass-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.36 g/cc	0.0491 lb/in ³	ASTM D792
Water Absorption	0.75 %	0.75 %	24 hrs; ASTM D570
Water Absorption at Saturation	5.4 %	5.4 %	ASTM D570

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	120	120	ASTM D785
Tensile Strength, Ultimate	176 MPa	25500 psi	ATSM D638
Elongation at Break	3.0 %	3.0 %	ASTM D638
Elongation at Yield	3.0 %	3.0 %	ASTM D638
Flexural Strength	242 MPa	35100 psi	ASTM D790
Flexural Modulus	9.00 GPa	1310 ksi	ASTM D790
Izod Impact, Notched	0.960 J/cm	1.80 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)	250 °C	482 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	249 °C	480 °F	ASTM D648

Electrical Properties	Metric	English	Comments
Electrical Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	ASTM D257
Dielectric Constant	4.5 @Frequency 1e+6 Hz	4.5 @Frequency 1e+6 Hz	ASTM D150

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