

Ashley Polymers Ashlene® 527LD-45LG Nylon 66, 45% Long Glass Fiber Reinforced

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 50% Glass Fiber Filled

Material Notes:

Long glass fiber reinforced impact modified Nylon 66, designed for parts requiring excellent thermal and dimensional stability and higher strength than available with conventional glass reinforced resins.Data provided by the manufacturer

Order this product through the following link:

http://www.lookpolymers.com/polymer_Ashley-Polymers-Ashlene-527LD-45LG-Nylon-66-45-Long-Glass-Fiber-Reinforced.php

Physical Properties	Metric	English	Comments
Density	1.47 g/cc	0.0531 lb/in³	ASTM D792
Linear Mold Shrinkage	0.0020 cm/cm	0.0020 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Hardness, Rockwell R	112	112	ASTM D785
Tensile Strength, Ultimate	173 MPa	25100 psi	ATSM D638
Elongation at Yield	2.0 %	2.0 %	ASTM D638
Flexural Strength	216 MPa	31300 psi	ASTM D790
Flexural Modulus	7.90 GPa	1150 ksi	ASTM D790
Izod Impact, Notched	3.74 J/cm	7.01 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)	257 °C	495 °F	ASTM D648
Deflection Temperature at 1.8 MPa (264 psi)	253 °C	487 °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