

NHEP Spectron™ E6126 Nylon 66, 20% Glass Fiber

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, 20% Glass Fiber Filled

Material Notes:

Natural color. E6126 exhibits high rigidity, mechanical strength, and excellent appearance. It is suitable for wide range of applications. Property data measured at room temperature, 50% RH. Information provided by Bieglo GmbH for Ngai Hing Engineering Plastic (Hong Kong) Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_NHEP-Spectron-E6126-Nylon-66-20-Glass-Fiber.php

Physical Properties	Metric	English	Comments
Density	1.29 g/cc	0.0466 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0050 - 0.0080 cm/cm	0.0050 - 0.0080 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength	110 MPa	16000 psi	ASTM D638
Elongation at Yield	6.0 %	6.0 %	ASTM D638
Flexural Strength	160 MPa	23200 psi	ASTM D790
Flexural Modulus	5.00 GPa	725 ksi	ASTM D790
Izod Impact, Notched	0.400 J/cm	0.749 ft-lb/in	ASTM D256

Thermal Properties	Metric	English	Comments
Deflection Temperature at 0.46 MPa (66 psi)	225 °C	437 °F	ASTM D648

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	250 - 260 °C	482 - 500 °F	
Middle Barrel Temperature	260 - 270 °C	500 - 518 °F	
Front Barrel Temperature	270 - 280 °C	518 - 536 °F	
Nozzle Temperature	280 - 290 °C	536 - 554 °F	
Mold Temperature	100 - 120 °C	212 - 248 °F	
Drying Temperature	100 - 120 °C @Time 7200 - 14400 sec	212 - 248 °F @Time 2.00 - 4.00 hour	

Descriptive Properties	Value	Comments
Processing Injection Pressure	Medium-High	
Processing Injection Speed	Medium-High	

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