

Beijing Chemical Industry KAIFA® MN101 Nylon 66 Resin

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Impact Grade

Material Notes:

Good flow, High impact Information provided by Beijing Chemical Industry Research Institute (Group)

Order this product through the following link:

http://www.lookpolymers.com/polymer_Beijing-Chemical-Industry-KAIFA-MN101-Nylon-66-Resin.php

Physical Properties	Metric	English	Comments
Density	1.10 g/cc	0.0397 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.014 - 0.018 cm/cm	0.014 - 0.018 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	ASTM D638
Flexural Strength	91.0 MPa	13200 psi	ASTM D790
Charpy Impact Unnotched	12.0 J/cm ²	57.1 ft-lb/in ²	ISO179
Charpy Impact, Notched	1.00 J/cm ²	4.76 ft-lb/in ²	ISO179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	75.0 °C	167 °F	ASTM D648

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+14 ohm-cm	1.00e+14 ohm-cm	ASTM D257
Dielectric Constant	2.9	2.9	ASTM D150
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	
Dielectric Strength	30.0 kV/mm	762 kV/in	ASTM D149
	@Thickness 2.00 mm	@Thickness 0.0787 in	
Dissipation Factor	0.020	0.020	ASTM D150
	@Frequency 1e+6 Hz	@Frequency 1e+6 Hz	

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	220 - 265 °C	428 - 509 °F	
Middle Barrel Temperature	260 - 265 °C	500 - 509 °F	
Front Barrel Temperature			

Processing Properties	260 - 270 °C Metric	500 - 518 °F English	Comments
Nozzle Temperature	260 - 265 °C	500 - 509 °F	
Mold Temperature	60.0 - 90.0 °C	140 - 194 °F	
Drying Temperature	130 °C	266 °F	
Dry Time	4 hour	4 hour	
Injection Pressure	60.0 - 100 MPa	8700 - 14500 psi	

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