

Beijing Chemical Industry KAIFA® MN301-M30 Nylon 66 Resin

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass/Mineral Filled

Material Notes:

Mineral filled, Good flow 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-MN301-M30-Nylon-66-Resin.php

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in ³	ASTM D792
Linear Mold Shrinkage	0.0080 - 0.012 cm/cm	0.0080 - 0.012 in/in	ASTM D955

Mechanical Properties	Metric	English	Comments
Tensile Strength at Break	60.0 MPa	8700 psi	ASTM D638
Flexural Strength	90.0 MPa	13100 psi	ASTM D790
Charpy Impact Unnotched	2.50 J/cm ²	11.9 ft-lb/in ²	ISO179
Charpy Impact, Notched	0.600 J/cm ²	2.86 ft-lb/in ²	ISO179

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	130 °C	266 °F	ASTM D648
Flammability, UL94	V-0 @Thickness 3.20 mm	V-0 @Thickness 0.126 in	

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+17 ohm-cm	1.00e+17 ohm-cm	ASTM D257
Dielectric Constant	3.4 @Frequency 1e+6 Hz	3.4 @Frequency 1e+6 Hz	ASTM D150
Dielectric Strength	33.0 kV/mm @Thickness 2.00 mm	838 kV/in @Thickness 0.0787 in	ASTM D149
Dissipation Factor	0.018 @Frequency 1e+6 Hz	0.018 @Frequency 1e+6 Hz	ASTM D150

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

Processing Properties	Metric	English	Comments
Mold Barrel Temperature	260 - 270 °C	500 - 518 °F	
Front Barrel Temperature	260 - 270 °C	500 - 518 °F	
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