

## Zhejiang Juner PA-A6-66H High CTI Value Halogen-Free Environmental Protection Flame-Resistant and Reinforced Polyamide

Category : Polymer , Thermoplastic , Nylon , Nylon 66 , Nylon 66, Glass Fiber Filled, Flame Retardant

### Material Notes:

Applications: Cover of Mini MCB Information provided by Zhejiang Juner New Materials Co, Ltd.

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Zhejiang-Junier-PA-A6-66H-High-CTI-Value-Halogen-Free-Environmental-Protection-Flame-Resistant-and-Reinforced-Polyamide.php](http://www.lookpolymers.com/polymer_Zhejiang-Junier-PA-A6-66H-High-CTI-Value-Halogen-Free-Environmental-Protection-Flame-Resistant-and-Reinforced-Polyamide.php)

Physical Properties	Metric	English	Comments
Density	1.40 g/cc	0.0506 lb/in <sup>3</sup>	GB/1033
Water Absorption	0.60 %	0.60 %	23°C•24h

Mechanical Properties	Metric	English	Comments
Tensile Strength, Yield	120 MPa	17400 psi	GB/1040
Elongation at Break	2.0 %	2.0 %	GB/1040
Flexural Strength	200 MPa	29000 psi	GB/9341
Flexural Modulus	7.60 GPa	1100 ksi	GB/9341
Charpy Impact Unnotched	3.00 J/cm <sup>2</sup>	14.3 ft-lb/in <sup>2</sup>	ISO179-1:2000
Charpy Impact, Notched	0.700 J/cm <sup>2</sup>	3.33 ft-lb/in <sup>2</sup>	ISO179-1:2000

Thermal Properties	Metric	English	Comments
Deflection Temperature at 1.8 MPa (264 psi)	230 °C	446 °F	GB1634
Flammability, UL94	V-0	V-0	GB/T2408

Electrical Properties	Metric	English	Comments
Volume Resistivity	1.00e+15 ohm-cm	1.00e+15 ohm-cm	GB/1410
Comparative Tracking Index	550 V	550 V	GB/4207

Processing Properties	Metric	English	Comments
Processing Temperature	250 - 280 °C	482 - 536 °F	
Mold Temperature	60.0 - 100 °C	140 - 212 °F	
	110 °C	230 °F	

<b>Drying Temperature Processing Properties</b>	<b>Metric</b>	<b>English</b>	<b>Chute Hot-Wind Comments</b>
	110 °C @Time 18000 sec	230 °F @Time 5.00 hour	Horizontal Oven
	110 °C @Time 7200 sec	230 °F @Time 2.00 hour	Vacuum Pressure, -0.08 MPa
<b>Injection Pressure</b>	<b>80.0 - 120 MPa</b>	<b>11600 - 17400 psi</b>	

<b>Descriptive Properties</b>	<b>Value</b>	<b>Comments</b>
Speed of Shoot, %	40-90	

## Contact Songhan Plastic Technology Co.,Ltd.

Website : [www.lookpolymers.com](http://www.lookpolymers.com)

Email : [sales@lookpolymers.com](mailto:sales@lookpolymers.com)

Tel : +86 021-51131842

Mobile : +86 13061808058

Skype : lookpolymers

Address : United North Road 215,Fengxian District, Shanghai City,China