

Zhejiang Juner PA-A6-1 MF25%

Category : Polymer , Thermoplastic , Nylon , Nylon 6 , Nylon 6 , 20% Mineral Filled

Material Notes:

Applications: Shell of Middle & Top Grade MCB, Pedestal & Shell of Low Voltage Electrical Appliance
Information provided by Zhejiang Juner New Materials Co, Ltd.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Zhejiang-Juner-PA-A6-1-MF25.php

| Physical Properties | Metric | English | Comments |
|---------------------|-----------|---------------------------|----------|
| Density | 1.38 g/cc | 0.0499 lb/in ³ | GB-1033 |

| Mechanical Properties | Metric | English | Comments |
|-------------------------|-------------------------|----------------------------|----------|
| Tensile Strength, Yield | 66.0 MPa | 9570 psi | GB-1040 |
| Elongation at Break | 3.0 % | 3.0 % | GB-1040 |
| Flexural Strength | 110.6 MPa | 16040 psi | GB-9341 |
| Flexural Modulus | 5.82 GPa | 844 ksi | GB-9341 |
| Charpy Impact, Notched | 0.550 J/cm ² | 2.62 ft-lb/in ² | GB-1043 |

| Thermal Properties | Metric | English | Comments |
|---|--------|---------|----------|
| Deflection Temperature at 1.8 MPa (264 psi) | 154 °C | 309 °F | GB-1634 |
| Flammability, UL94 | V-2 | V-2 | |

| 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 | GB4207 |

| Processing Properties | Metric | English | Comments |
|------------------------|---|--|----------|
| Processing Temperature | 220 - 250 °C | 428 - 482 °F | |
| Mold Temperature | 60.0 - 90.0 °C | 140 - 194 °F | |
| Drying Temperature | 110 - 120 °C @Time 14400 - 18000 sec | 230 - 248 °F @Time 4.00 - 5.00 hour | |
| Injection Pressure | 80.0 - 120 MPa | 11600 - 17400 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