

Yuyao PA 033ML30

Polyamide 66/6 Copolymer

Yuyao Tenglong Plastics Co., Ltd.

Message:

Yuyao PA 033ML30 is a Polyamide 66/6 Copolymer (Nylon 66/6) product. It can be processed by injection molding and is available in Asia Pacific. Applications of Yuyao PA 033ML30 include electrical/electronic applications, appliances, automotive and tools.

Characteristics include:

- Flame Rated
- Flame Retardant
- Good Processability
- Halogen Free
- Heat Resistant

| General Information | | | |
|---|----------------------------|-------------------|-------------|
| Additive | Flame Retardant | | |
| Features | Flame Retardant | | |
| | Good Electrical Properties | | |
| | Good Processability | | |
| | Halogen Free | | |
| | High Heat Resistance | | |
| | High Strength | | |
| Uses | Appliance Components | | |
| | Automotive Under the Hood | | |
| | Communication Applications | | |
| | Computer Components | | |
| | Connectors | | |
| | Electrical Parts | | |
| | Power/Other Tools | | |
| Processing Method | Injection Molding | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 1.35 | g/cm ³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | 160 | MPa | ASTM D638 |
| Tensile Elongation (Break) | 5.0 | % | ASTM D638 |
| Flexural Modulus | 6600 | MPa | ASTM D790 |
| Flexural Strength | 180 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (Area) | 13.0 | kJ/m ² | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 210 | °C | ASTM D648 |

| Flammability | Nominal Value | Test Method |
|------------------------|---------------|-------------|
| Flame Rating | | UL 94 |
| 1.60 mm | V-0 | |
| 3.20 mm | V-0 | |
| Injection | Nominal Value | Unit |
| Drying Temperature | 90.0 to 95.0 | °C |
| Drying Time | 5.0 to 8.0 | hr |
| Processing (Melt) Temp | 220 to 270 | °C |
| Mold Temperature | 40.0 to 80.0 | °C |
| Injection Pressure | 80.0 to 100 | MPa |

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

