

# VAMPSTAT Y 25G 03 V0 26

Polyamide 66

Vamp Tech

Message:

PA 66 25% glass fiber reinforced, UL 94 V0 at 1,6 mm, halogen PBDE - PBDF free, surface resistivity 10^3 ohm.

| General Information                                     |               |       |                |
|---------------------------------------------------------|---------------|-------|----------------|
| Features                                                | Halogen Free  |       |                |
| Physical                                                | Nominal Value | Unit  | Test Method    |
| Specific Gravity                                        | 1.57          | g/cm³ | ASTM D792      |
| Molding Shrinkage                                       |               |       | ASTM D955      |
| Flow                                                    | 0.50          | %     |                |
| Across Flow                                             | 0.80          | %     |                |
| Mechanical                                              | Nominal Value | Unit  | Test Method    |
| Tensile Modulus                                         | 12000         | MPa   | ASTM D638      |
| Tensile Strength (Yield)                                | 120           | MPa   | ASTM D638      |
| Tensile Elongation (Break)                              | 1.9           | %     | ASTM D638      |
| Impact                                                  | Nominal Value | Unit  | Test Method    |
| Notched Izod Impact Strength                            | 6.0           | kJ/m² | ISO 180/A      |
| Unnotched Izod Impact Strength                          | 40            | kJ/m² | ISO 180        |
| Thermal                                                 | Nominal Value | Unit  | Test Method    |
| Deflection Temperature Under Load (1.8 MPa, Unannealed) | 240           | °C    | ASTM D648A     |
| RTI Elec                                                | 140           | °C    | UL 746         |
| RTI Imp                                                 | 140           | °C    | UL 746         |
| RTI Str                                                 | 140           | °C    | UL 746         |
| Electrical                                              | Nominal Value | Unit  | Test Method    |
| Surface Resistivity                                     | 1.0E+4        | ohms  | ASTM D257      |
| Flammability                                            | Nominal Value | Unit  | Test Method    |
| Flame Rating                                            |               |       | UL 94          |
| 1.60 mm                                                 | V-0           |       |                |
| 3.20 mm                                                 | V-0           |       |                |
| Glow Wire Flammability Index (1.00 to 2.00 mm)          | 960           | °C    | IEC 60695-2-12 |
| Injection                                               | Nominal Value | Unit  |                |
| Drying Temperature                                      | 100           | °C    |                |
| Drying Time                                             | 3.0           | hr    |                |
| Processing (Melt) Temp                                  | 275           | °C    |                |
| Mold Temperature                                        | 100           | °C    |                |

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

