

Kepital F25-03H LOF

A medium-low viscosity grade for general injection molding with high-stiffness.

It has improved on thermal stability. Low odor grade improved on heat stability.

| | Properties | Test condition | Method | Unit | Value |
|--------------|------------------------------------|-----------------------------------|-------------|-------------------|----------------------|
| Physical | Density | | ISO 1183 | g/cm ³ | 1,41 |
| | Melt Flow Rate | | ISO 1133 | g/10min | 13 |
| | Molding Shrinkage (Flow Direction) | t 3mm, Ø 100mm | KEP Method | % | 2 |
| | Thermal | Heat Deflection Temperature (HDT) | 1.8 MPa | ISO 75-1,2 | °C |
| Flammability | | | UL94 | Class | HB |
| Mechanical | Tensile Strength | 23°C | ISO 527-1,2 | MPa | 68 |
| | Flexural Strength | 23°C | ISO 178 | MPa | 94 |
| | Flexural Modulus | 23°C | ISO 178 | MPa | 2.800 |
| | Charpy Notched Impact Strength | | ISO 179/1eA | kJ/m ² | 6,5 |
| | Nominal Strain at Break | 23°C | ISO 527-1,2 | % | 32 |
| | Tensile Modulus | 23°C | ISO 527-1,2 | MPa | 2.900 |
| Electrical | Surface Resistivity | | IEC 60093 | Ω | 1 × 10 ¹⁶ |
| | Volume Resistivity | | IEC 60093 | Ω cm | 1 × 10 ¹⁴ |
| | Dielectric Strength | | IEC 60243-1 | kV /mm | 19 |

All values are approximate values and are given after the best knowledge and conscience. Hence, because of variable processing terms or processing procedures an obligation cannot be derived from it.

Tekuma Kunststoff GmbH is not the manufacturer of a.m. product. The information return the result of the quality inspection. An assurance of certain properties and qualities for specify uses cannot be derived. We recommend additional tests with regard to the suitabi-



lity ability. Guarantee occurs within the scope of our general terms of sale and terms of delievery.