

Kepital FB2030

An easy-flowing grade for general injection molding. It was reinforced glass beads, and so suitable for parts requiring low warpage and sinking phenomenon.

| | Properties | Test condition | Method | Unit | Value |
|------------|------------------------------------|----------------|-------------|-------------------|----------------------|
| Physical | Density | | ISO 1183 | g/cm ³ | 1,64 |
| | Melt Flow Rate | | ISO 1133 | g/10min | 19 |
| | Molding Shrinkage (Flow Direction) | t 3mm, Ø 100mm | KEP Method | % | 1,5 |
| | Thermal | Flammability | | UL94 | Class |
| Mechanical | Tensile Strength | 23°C | ISO 527-1,2 | MPa | 58 |
| | Strain at Break | 23°C | ISO 527-1,2 | % | 4 |
| | Flexural Strength | 23°C | ISO 178 | MPa | 97 |
| | Flexural Modulus | 23°C | ISO 178 | MPa | 4.050 |
| | Charpy Notched Impact Strength | | ISO 179/1eA | kJ/m ² | 2,5 |
| Electrical | Surface Resistivity | | IEC 60093 | Ω | 1 x 10 ¹⁶ |
| | Volume Resistivity | | IEC 60093 | Ω cm | 1 x 10 ¹⁴ |
| | Dielectric Strength | | IEC 60243-1 | kV /mm | 20 |

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.

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