

Kepital NX-20 LOF

A friction and wear resistance grade for general injection molding. It is suitable for use requiring reduced wear noise, and a good friction & wear resistance without sacrificing mechanical properties.

| | Properties | Test condition | Method | Unit | Value |
|------------|-----------------------------------|----------------|-------------|-------------------|-----------------|
| Physical | Density | | ISO 1183 | g/cm ³ | 1,38 |
| | Melt Flow Rate | | ISO 1133 | g/10min | 13 |
| Thermal | Heat Deflection Temperature (HDT) | 1.8 MPa | ISO 75-1,2 | °C | 90 |
| | Flammability | | UL94 | Class | HB |
| Mechanical | Tensile Strength | 23°C | ISO 527-1,2 | MPa | 55 |
| | Strain at Break | 23°C | ISO 527-1,2 | % | 18 |
| | Flexural Strength | 23°C | ISO 178 | MPa | 76 |
| | Flexural Modulus | 23°C | ISO 178 | MPa | 2,35 |
| | Charpy Notched Impact Strength | | ISO 179/1eA | kJ/m ² | 3,4 |
| Electrical | Surface Resistivity | | IEC 60093 | Ω | 10 ⁶ |
| | Volume Resistivity | | IEC 60093 | Ω cm | 10 ⁴ |
| Various | Molding shrinkage | parallel | ISO 294-4 | % | 2 |

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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