

KEPITAL® NX-20 LOF

A emission optimized, friction and wear-resistance grade for general injection molding
A friction and wear resistance grade for general injection molding. Emission optimized.

Rheological properties

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|------------------------------------|-------|-----------------|
| Moulding shrinkage range, parallel | 2.0 % | ISO 294-4, 2577 |
|------------------------------------|-------|-----------------|

Typical mechanical properties

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|--------------------------------------|-----------------------|--------------|
| Yield stress, 50mm/min | 55 MPa | ISO 527-1/-2 |
| Nominal strain at break | 18 % | ISO 527-1/-2 |
| Flexural Modulus | 2350 MPa | ISO 178 |
| Flexural Strength | 76 MPa | ISO 178 |
| Charpy notched impact strength, 23°C | 3.4 kJ/m ² | ISO 179/1eA |

Thermal properties

| | | |
|---|--------|----------------|
| Melting temperature, 10°C/min | 165 °C | ISO 11357-1/-3 |
| Temp. of deflection under load, 1.8 MPa | 90 °C | ISO 75-1/-2 |

Electrical properties

| | | |
|---------------------|-------------|---------------|
| Volume resistivity | >1E12 Ohm.m | IEC 62631-3-1 |
| Surface resistivity | >1E16 Ohm | IEC 62631-3-2 |

Other properties

| | | |
|---------|------------------------|----------|
| Density | 1380 kg/m ³ | ISO 1183 |
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