

KEPITAL® F20-03 Colored

a medium-viscosity grade for general injection molding (colored)

Kepital® F20-03 Colored is a medium-viscosity grade for general injection molding (colored). A general grade for injection molding applications.

Typical mechanical properties

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|--------------------------------------|-----------------------|--------------|
| Yield stress, 50mm/min | 63 MPa | ISO 527-1/-2 |
| Yield strain, 50mm/min | 8.5 % | ISO 527-1/-2 |
| Nominal strain at break | 32 % | ISO 527-1/-2 |
| Flexural Modulus | 2600 MPa | ISO 178 |
| Flexural Strength | 87 MPa | ISO 178 |
| Charpy notched impact strength, 23°C | 6.5 kJ/m ² | ISO 179/1eA |

Thermal properties

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| Melting temperature, 10°C/min | 165 °C | ISO 11357-1/-3 |
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Flammability

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| Burning Behav. at thickness h | HB class | UL 94 |
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Other properties

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|--------------------------|------------------------|----------------|
| Humidity absorption, 2mm | 0.2 % | Sim. to ISO 62 |
| Density | 1410 kg/m ³ | ISO 1183 |
