

# KEPITAL® FT2020

A 20% whisker filled grade for general injection molding

KEPITAL® FT2020 is a 20% whisker filled grade for general injection molding. Suitable for parts parts requiring much higher stiffness, dimensional accuracy, and low warpage.

### Rheological properties

Moulding shrinkage, parallel	0.9 %	ISO 294-4, 2577
Modified Still in Mage, parallel	0.9 /0	100 234 4, 237 7

## Typical mechanical properties

Stress at break, 5mm/min	86	MPa	ISO 527-1/-2
Nominal strain at break	2.7	%	ISO 527-1/-2
Flexural Modulus	4800	MPa	ISO 178
Flexural Strength	146	MPa	ISO 178
Charpy notched impact strength, 23°C	3.6	kJ/m²	ISO 179/1eA

#### Thermal properties

Melting temperature, 10°C/min	165 °C	ISO 11357-1/-3
Temp, of deflection under load, 1.8 MPa	152 °C	ISO 75-1/-2

#### Other properties

Humidity absorption, 2mm	0.23 %	Sim. to ISO 62
Density	1590 kg/m <sup>3</sup>	ISO 1183

#### Characteristics

Additives	Mineral Filler
Addilives	iviinerai Filier

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