

## KEPITAL® F40-03 Colored

An extremely low-viscosity grade for general injection molding (colored)

KEPITAL® F40-03 Colored is a standard unfilled(extremely low-viscosity) grade for general injection molding (colored).

Suitable for multi-cavity molds and thin-walled precision parts

## Rheological properties

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Moulding shrinkage, parallel	2.0	%	ISO 294-4, 2577
Typical mechanical properties			
Yield stress, 50mm/min	65	MPa	ISO 527-1/-2
Yield strain, 50mm/min	7	%	ISO 527-1/-2
Nominal strain at break	20	%	ISO 527-1/-2
Flexural Modulus	2750	MPa	ISO 178
Flexural Strength	93	MPa	ISO 178
Charpy notched impact strength, 23°C	3.5	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	101	_	ISO 75-1/-2
Other properties			
Humidity absorption, 2mm	0.2	%	Sim. to ISO 62
Density	· · -	kg/m³	ISO 1183
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