

KEPITAL[®] F20-52G

a UV-stabilized (medium-viscosity) grade for general injection molding

KEPITAL® F20-52G is a UV-stabilized (medium-viscosity) grade for general injection molding. - Modified with a weatherresistant and gloss-reducing substance. Suitable for applications requiring strong weather resistance and low gloss characteristics

Rheological properties					
Moulding shrinkage, parallel		2.1	%		ISO 294-4, 2577
Typical mechanical properties					
Yield stress, 50mm/min		58	MPa		ISO 527-1/-2
Yield strain, 50mm/min		11	%		ISO 527-1/-2
Nominal strain at break		30	%		ISO 527-1/-2
Flexural Modulus		2350			ISO 178
Flexural Strength			MPa		ISO 178
Charpy notched impact strength, 23°C		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		88	°C		ISO 75-1/-2
Coeff. of linear therm. expansion, parallel		130	E-6/K		ISO 11359-1/-2
Other properties					
Humidity absorption, 2mm		0.2	%		Sim. to ISO 62
Density		1390	kg/m³		ISO 1183
Other Approvals					
Other Approvals	OEM			Specification	
	GM			GMW22P-POM-C2	

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