

KEPITAL[®] F20-03

A medium-viscosity grade for general injection molding - A medium-viscosity grade for general injection molding

Rheological properties			
Moulding shrinkage, parallel	2.0	%	ISO 294-4, 2577
Typical mechanical properties			
Tensile Modulus Yield stress, 50mm/min Yield strain, 50mm/min Nominal strain at break Flexural Modulus Flexural Strength Charpy notched impact strength, 23°C Charpy notched impact strength, -30°C Poisson's ratio	10 32 2550 87 6.5	MPa % %	ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 527-1/-2 ISO 178 ISO 178 ISO 179/1eA ISO 179/1eA
Thermal properties			
Melting temperature, 10°C/min Temp. of deflection under load, 1.8 MPa Coeff. of linear therm. expansion, parallel	165 100 120		ISO 11357-1/-3 ISO 75-1/-2 ISO 11359-1/-2
Electrical properties			
Volume resistivity Surface resistivity Electric strength	>1E16	Ohm.m Ohm kV/mm	IEC 62631-3-1 IEC 62631-3-2 IEC 60243-1
Other properties			
Humidity absorption, 2mm Density	0.2 1410	% kg/m³	Sim. to ISO 62 ISO 1183

Other Approvals

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OEM	Specification	Additional Information
GM	GMW22P-POM-C2	
Ford	WSS-M98P14-A3	ASN 9899
Ford	WSK-M4D635-A2	ASN 3101
Ford	WSS-M98P14-A7	Natural; ASN 12251
Stellantis - PSA Group	B62 0020	
TESLA	TM-1005-40	Natural



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Printed: 2023-08-07

Revised: 2023-06-27 Source: Celanese Materials Database

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