

KEPITAL® F25-03H

A stiffness-improved (medium-viscosity) grade for general injection molding
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 - It has a high stiffness compared to general POM copolymer

Typical mechanical properties

Tensile Modulus	2850 MPa	ISO 527-1/-2
Yield stress, 50mm/min	68 MPa	ISO 527-1/-2
Yield strain, 50mm/min	10 %	ISO 527-1/-2
Nominal strain at break	31 %	ISO 527-1/-2
Flexural Modulus	2800 MPa	ISO 178
Flexural Strength	94 MPa	ISO 178
Charpy notched impact strength, 23°C	6.5 kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	6 kJ/m ²	ISO 179/1eA

Thermal properties

Melting temperature, 10°C/min	170 °C	ISO 11357-1/-3
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Electrical properties

Volume resistivity	>1E14 Ohm.m	IEC 62631-3-1
Surface resistivity	>1E16 Ohm	IEC 62631-3-2

Other properties

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

Other Approvals

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OEM	Specification	Additional Information
GM	GMW22P-POM-C3	Natural & Black
Stellantis - PSA Group	B62 0020	