

Kepital® SL-20

Acetal (POM) Copolymer

KEP Americas

Message:

A laser-marking grade for general injection molding. Suitable for parts requiring various colors by using color M/B. Similar mechanical property compared to standard POM

General Information			
Features	Laser marking		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	10	g/10 min	ISO 1133
shrinkage-Flow ¹ (3.00 mm)	2.0	%	Internal method
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	61.0	MPa	ISO 527-2/50
Nominal Tensile Strain at Break	34	%	ISO 527-2
Flexural Modulus (23°C)	2450	MPa	ISO 178
Flexural Stress (23°C)	82.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	7.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	165	°C	ISO 11357-3
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	IEC 60093
Volume Resistivity	1.0E+16	ohms·cm	IEC 60093
Dielectric Strength	19	kV/mm	IEC 60243-1
NOTE			
1.	100mm diameter		

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Recommended distributors for this material

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