

Kepital® F20-03 LOF

Acetal (POM) Copolymer

KEP Americas

Message:

Low emission, standard medium viscosity grade

General Information			
Features	Copolymer		
	Good Thermal Stability		
	Low to No Odor		
	Medium Viscosity		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)	9.0	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	2.0	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	64.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	37	%	ISO 527-2
Flexural Modulus (23°C)	2500	MPa	ISO 178
Flexural Stress (23°C)	87.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	6.5	kJ/m²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	100	°C	ISO 75-2/A
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	IEC 60093
Volume Resistivity	1.0E+14	ohms · cm	IEC 60093
Electric Strength	19	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

