

Kepital® SF-20

Acetal (POM) Copolymer

KEP Americas

Message:

Stainless steel fiber filled conductive grade. SF-20 has excellent performance in fuel by maintaining properties and its conductivity.

General Information			
Filler / Reinforcement	Stainless Steel Fiber		
Features	Conductive		
	Copolymer		
	Fuel Resistant		
Physical	Nominal Value	Unit	Test Method
Density	1.49	g/cm ³	ISO 1183
Molding Shrinkage			ISO 294-4
Across Flow	1.9	%	
Flow	2.0	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2700	MPa	ISO 527-2
Tensile Stress (Yield, 23°C)	59.0	MPa	ISO 527-2
Tensile Strain (Yield, 23°C)	9.0	%	ISO 527-2
Flexural Modulus	2600	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-40°C	3.9	kJ/m ²	
-30°C	3.9	kJ/m ²	
23°C	4.7	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	93.0	°C	ISO 75-2/A

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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



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