

Kepital® F10-03HT

Acetal (POM) Copolymer

KEP Americas

Message:

High viscosity, high strength, moderate toughness grade. F10-03HT is suited for application that is moderate toughness or noise reduction required parts.

General Information			
Features	Copolymer		
	Good Toughness		
	Good Wear Resistance		
	High Strength		
	High Viscosity		
	Noise Damping		
Physical	Nominal Value	Unit	Test Method
Density	1.41	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	3.5	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	65.0	MPa	ISO 527-2
Tensile Strain (Break, 23°C)	45	%	ISO 527-2
Flexural Modulus (23°C)	240	MPa	ISO 178
Flexural Stress (23°C)	8.34	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	9.5	kJ/m ²	
23°C	11	kJ/m ²	

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