

Kepital® TE-24(FU2020)

Acetal (POM) Copolymer

KEP Americas

Message:

Highly impact modified grade. TE-24 provides superior impact resistance and excellent combination of mechanical properties and impact resistance.

General Information			
Additive	Impact Modifier		
Features	Copolymer		
	Good Toughness		
	High Impact Resistance		
	Impact Modified		
	Medium-high Viscosity		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.35	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	6.0	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	1.7	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	41.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	> 60	%	ISO 527-2
Flexural Modulus (23°C)	1450	MPa	ISO 178
Flexural Stress (23°C)	53.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	18	kJ/m ²	ISO 179/1eA
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	66.0	°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	21	kV/mm	IEC 60243-1
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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