

Kepital® TE-25(FU2025)

Acetal (POM) Copolymer
Korea Engineering Plastics Co., Ltd

Message:
A medium-high viscosity grade for general injection molding. It was modified with elastomer, and so suitable for parts requiring much higher impact resistance and toughness.

General Information			
UL YellowCard	E120354-220459	E120354-220466	
Additive	Impact Modifier		
Features	Copolymer		
	Good Toughness		
	High Impact Resistance		
	Impact Modified		
	Medium-high Viscosity		
RoHS Compliance	RoHS Compliant		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.34	g/cm³	ISO 1183
Melt Mass-Flow Rate (MFR)	6.0	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	1.6	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	39.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	> 60	%	ISO 527-2
Flexural Modulus (23°C)	1250	MPa	ISO 178
Flexural Stress (23°C)	46.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	21	kJ/m²	ISO 179/1eA
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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