

Kepital® TE-22S

Acetal (POM) Copolymer

KEP Americas

Message:

A toughened, high viscosity grade for general injection molding. Suitable for applications requiring high impact resistance and toughness

General Information			
Additive	Impact modifier		
Features	Impact modification		
Physical	Nominal Value	Unit	Test Method
Density	1.38	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.5	g/10 min	ISO 1133
Water Absorption (Equilibrium, 23°C, 50% RH)	0.23	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	51.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	11	%	ISO 527-2
Nominal Tensile Strain at Break	50	%	ISO 527-2
Flexural Modulus (23°C)	2000	MPa	ISO 178
Flexural Stress (23°C)	70.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	14	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	165	°C	ISO 11357-3
CLTE - Flow	1.3E-4	cm/cm/°C	ISO 11359-2
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+16	ohms	IEC 60093
Volume Resistivity	1.0E+16	ohms · cm	IEC 60093

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