

Kepital® TE-23S

Acetal (POM) Copolymer

KEP Americas

Message:

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

General Information			
Additive	Impact modifier		
Features	Impact modification		
Physical	Nominal Value	Unit	Test Method
Density	1.36	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	3.0	g/10 min	ISO 1133
Water Absorption (Equilibrium, 23°C, 50% RH)	0.24	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	45.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	12	%	ISO 527-2
Nominal Tensile Strain at Break	65	%	ISO 527-2
Flexural Modulus (23°C)	1750	MPa	ISO 178
Flexural Stress (23°C)	60.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	18	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

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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



WECHAT