

Kepital® TS-25HN

Acetal (POM) Copolymer

KEP Americas

Message:

Kepital®TS-25HN is a polyoxymethylene (POM) copolymer material. This product is available in North America or Latin America.

Kepital®The main features of the TS-25HN are:

Wear-resistant

Lubrication

General Information			
Additive	Silicone lubricant		
Features	Good wear resistance		
	Lubrication		
Physical	Nominal Value	Unit	Test Method
Density	1.39	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	15	g/10 min	ISO 1133
shrinkage-Flow ¹ (3.00 mm)	2.0	%	Internal method
Water Absorption (Equilibrium, 23°C, 50% RH)	0.20	%	ISO 62
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	58.0	MPa	ISO 527-2/50
Nominal Tensile Strain at Break	25	%	ISO 527-2
Flexural Modulus (23°C)	2500	MPa	ISO 178
Flexural Stress (23°C)	80.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	8.0	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	98.0	°C	ISO 75-2/A
Melting Temperature	168	°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
NOTE			
1.	100mm diameter		

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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

