

Kepital® TS-22H

Acetal (POM) Copolymer

KEP Americas

Message:

Moderate silicone filled, injection molding grade. TS-22H is good for use that needs a high limited PV value and a good friction & wear resistance.

General Information			
Additive	Silicone Lubricant		
Features	Copolymer		
	Good Wear Resistance		
	Low Friction		
	Lubricated		
	Medium Viscosity		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.40	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)	10	g/10 min	ISO 1133
Molding Shrinkage - Flow (3.00 mm)	2.0	%	ISO 294-4
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Break, 23°C)	61.0	MPa	ISO 527-2
Nominal Tensile Strain at Break (23°C)	40	%	ISO 527-2
Flexural Modulus (23°C)	2450	MPa	ISO 178
Flexural Stress (23°C)	82.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.0	kJ/m ²	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
Flammability	Nominal Value	Unit	Test Method
Flame Rating	HB		UL 94

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