

LTP ZW-3212

Acetal (POM) Copolymer

Chengdu Letian Plastics Co., Ltd

Message:

Resin of LTP ZW-3200 series is crystal whisker reinforced composite materials based on Polyformaldehyde. With the characteristics of outstanding thermal stability, self-lubricating and frost resisting, the materials can be used long time about 20°C lower than the Temperature of thermal deformation without any lubrication additive. And it is the first choice for parts of rolling and sliding machine.

Compare to Polyformaldehyde, Resin of LTP ZW-3200 series have good mold technology without irritating smell and its products are according with RoHS index.

General Information			
Features	Good Thermal Stability		
	Good Wear Resistance		
	Self Lubricating		
RoHS Compliance	RoHS Compliant		
Appearance	Colors Available		
Physical	Nominal Value	Unit	Test Method
Density	1.60	g/cm ³	GB/T 1033
Molding Shrinkage ¹			
Across Flow : 3.00 mm	0.80 to 1.2	%	
Flow : 3.00 mm	0.50 to 0.80	%	
Water Absorption (Saturation, 23°C)	0.30	%	GB/T 1034
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	120	MPa	GB/T 1040
Tensile Strain (Break)	1.2 to 2.5	%	GB/T 1040
Flexural Stress	120	MPa	GB/T 1042
Coefficient of Friction	0.10 to 0.15		ASTM D1894
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	8.0	kJ/m ²	GB/T 1043
NOTE			
1.	80x80x3 mm		

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Recommended distributors for this material

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