

LTP ZC-3160A

Polyphenylene Sulfide Alloy

Chengdu Letian Plastics Co., Ltd

Message:

wear resistant materials-- LTP ZW-3160 serials

It is required that the friction factor is low and self-lubrication is good under elevated temperature for automobile parts such as change gear, shaft bearing, axle bush, electric brush and universal joint bulb. LTP ZW-3160 serials of LETIAN Plastics is a kind of PPS/PEEK/PTFE alloy, and its wear resistant property is remarkably improved comparing to common blend materials reinforce by 30% glass fiber. The Pv value can reach to 2200 at 23°C.

General Information		
Features	Low friction coefficient	
	Good wear resistance	
	Self-lubricating	
Uses	Application in Automobile Field	
	Bearing	
Physical	Nominal Value	Unit
Density	1.65	g/cm ³
Mechanical	Nominal Value	Unit
Tensile Stress	165	MPa
Tensile Strain (Break)	0.80	%
Flexural Modulus	16000	MPa
Flexural Stress	240	MPa
Impact	Nominal Value	Unit
Charpy Notched Impact Strength	10	kJ/m ²
Charpy Unnotched Impact Strength	55	kJ/m ²
Thermal	Nominal Value	Unit
Heat Deflection Temperature	260	°C

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