

LTP ZC-3160

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	Good Wear Resistance	
	Low Friction	
	Self Lubricating	
Uses	Automotive Applications	
	Bearings	
Physical	Nominal Value	Unit
Density	1.65	g/cm ³
Mechanical	Nominal Value	Unit
Tensile Stress	165	MPa
Tensile Strain (Break)	1.2	%
Flexural Modulus	14500	MPa
Flexural Stress	210	MPa
Impact	Nominal Value	Unit
Charpy Notched Impact Strength	7.2	kJ/m ²
Charpy Unnotched Impact Strength	50	kJ/m ²
Thermal	Nominal Value	Unit
Heat Deflection Temperature	260	°C

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