

LTP CE-2212

Polyphenylene Sulfide
Chengdu Letian Plastics Co., Ltd

Message:

Resin of LTP CE-2200 serials is a kind of engineering plastic with high performance based on PPS. For its excellent electric conduction property, it is mainly applied in thermostatic parts or shell for electric heating instrument. Thermal conduction and insulation materials made by Resin of LTP CE-2200 serials have these characteristic: high temperature control precise, resistance to water, oil-proof, good safety, light weight and wear well.

General Information			
Features	Electrically Conductive		
	Good Wear Resistance		
	High Heat Resistance		
	Moisture Resistant		
	Oil Resistant		
Appearance	Colors Available		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.60 to 1.90	g/cm ³	ASTM D792
Molding Shrinkage ¹ (3.00 mm)	0.50 to 0.80	%	
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	100 to 125	MPa	GB/T 1040
Tensile Strain (Break)	1.2	%	GB/T 1040
Flexural Modulus	80000	MPa	GB/T 1042
Flexural Stress	120 to 150	MPa	GB/T 1042
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	10	kJ/m ²	GB/T 1043
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature	> 260	°C	GB/T 1634
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+4 to 1.0E+6	ohms·cm	GB/T 1410
NOTE			
1.	80x80x3 mm		

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