

# LTP CT-1205

Polyphenylene Sulfide  
Chengdu Letian Plastics Co., Ltd

Message:

Resin of LTP CT-1200 serials is a kind of engineering plastic with high performance based on PPS. For its outstanding thermal transmittance and insulation ability, life-time service around 180-220°C, the materials are suitable for produce varied shell or capsulation for electric heating element and electric appliance element with high elimination of heat.

General Information			
Features	High Heat Resistance		
Uses	Appliances		
	Electrical/Electronic Applications		
Appearance	Colors Available		
Physical	Nominal Value	Unit	Test Method
Density	1.62	g/cm <sup>3</sup>	GB/T 1033
Molding Shrinkage <sup>1</sup> (4.00 mm)	0.30 to 0.60	%	
Water Absorption (Saturation, 23°C)	0.20 to 0.40	%	GB/T 1034
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	100	MPa	GB/T 1040
Tensile Strain (Break)	1.2	%	GB/T 1040
Flexural Modulus	12000	MPa	GB/T 1042
Flexural Stress	120	MPa	GB/T 1042
Thermal	Nominal Value	Unit	Test Method
Specific Heat	1200	J/kg/°C	ASTM E1461
Thermal Conductivity	5.0	W/m/K	ASTM E1461
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity	1.0E+12	ohms·cm	GB/T 1410
NOTE			
1.	80x80x4 mm		

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