

LTP PL005

Polyphenylene Sulfide

Chengdu Letian Plastics Co., Ltd

Message:

Resin of LTP PL serials is pure PPS resin with high density and molecular weight. Modified reinforced materials and coating materials can be produced base on this kind of resin

General Information			
Features	High Density High Molecular Weight		
Appearance	Yellow		
Forms	Granules		
Physical	Nominal Value	Unit	Test Method
Density	1.34 to 1.36	g/cm ³	GB/T 1033
Melt Mass-Flow Rate (MFR)	25 to 700	g/10 min	GB/T 3682
Water Absorption (Saturation, 23°C)	0.50	%	GB/T 1034
Ash Content	0.15	%	GB/T 9345
Heat Deflection Temperature	110	°C	GB/T 1634
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress	100	MPa	GB/T 1040
Tensile Strain (Break)	30	%	GB/T 1040
Flexural Stress	120	MPa	GB/T 1042
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength	18	kJ/m ²	GB/T 1043
Thermal	Nominal Value	Unit	Test Method
Melting Temperature	310	°C	GB/T 4608
Electrical	Nominal Value	Unit	Test Method
Surface Resistivity	1.0E+13	ohms	GB/T 1410
Volume Resistivity	1.0E+12	ohms · cm	GB/T 1410
Dielectric Constant			GB/T 1409
1 kHz	3.00		
1 MHz	3.00		
Dissipation Factor			GB/T 1409
1 kHz	6.0E-4		
1 MHz	1.5E-3		

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