Zhongfa PET G20S

Polyethylene Terephthalate

Yuyao Zhongfa Engineering Plastics Co. Ltd.

Message:

Zhongfa PET G20S is a polyethylene terephthalate (PET) material, which contains a 20% glass fiber reinforced material. This product is available in the Asia-Pacific region and is processed by injection molding. The main characteristics of Zhongfa PET G20S are: flame retardant/rated flame high strength insulation Heat resistance Typical application areas include: Electrical/electronic applications electrical appliances Automotive Industry

Filler / Reinforcement Glass fiber reinforced material, 20% filler by weight Features High tensile strength Insulation Good liquidity Good liquidity Good liquidity Good heat aging resistance Uses Electrical/Electronic Applications Electrical appliances Application in Automobile Field Application in Automobile Field Intercomment Processing Method Injection molding Physical Nominal Value Qiron ³ Moding Shrinkage - Flow 0.30 - 0.90 % ASTM D792 Modehanical Nominal Value Unit Test Method Tensile Strength 160 MPa ASTM D638 Flexural Modulus 9700 MPa ASTM D790 Flexural Modulus 210 WPa ASTM D638 Persural Knength 242 "C ASTM D648 Deflection Temperature Under Load (1.8) MPa, Unannealed) Nominal Value Unit Test Method Deflection Temperature Under Load (1.8) MPa, Unannealed) Nominal Value Intercomment Strint D638 Colume Resistivity 1.0E15 ohms-cm ASTM D648 St	General Information					
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Flammability Nominal Value Unit Test Method	Electrical	Nominal Value	Unit	Test Method		
	Volume Resistivity	1.0E+15	ohms∙cm	ASTM D257		
Flame Rating UL 94	Flammability	Nominal Value	Unit	Test Method		
	Flame Rating			UL 94		

1.60 mm	НВ		UL 94
3.20 mm	НВ		UL 94
Additional Information			
Notched Izod Impact, ASTM D256: 9	kJ/m²		
Injection	Nominal Value	Unit	
Drying Temperature	125 - 130	°C	
Drying Time	5.0 - 8.0	hr	
Processing (Melt) Temp	250 - 280	°C	
Mold Temperature	60.0 - 100	°C	
Injection Pressure	80.0 - 120	MPa	

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