

Zhongfa PC/ABS CW-G20

Polycarbonate + ABS

Yuyao Zhongfa Engineering Plastics Co. Ltd.

Message:

Zhongfa PC/ABS CW-G20 is a polycarbonate + acrylonitrile butadiene styrene (PC + ABS) material, and its filler is 20% glass fiber reinforced material. This product is available in the Asia-Pacific region and is processed by injection molding.

The main features of Zhongfa PC/ABS CW-G20 are:

high liquidity

Good processability

Typical application areas include:

Electrical/electronic applications

electrical appliances

General Information			
Filler / Reinforcement	Glass fiber reinforced material, 20% filler by weight		
Features	Workability, good		
	High liquidity		
Uses	Electrical/Electronic Applications		
	Electrical appliances		
Forms	Particle		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.25	g/cm ³	ASTM D792
Molding Shrinkage - Flow	0.20 - 0.40	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	75.0	MPa	ASTM D638
Tensile Elongation (Break)	2.0	%	ASTM D638
Flexural Modulus	6000	MPa	ASTM D790
Flexural Strength	140	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	120	°C	ASTM D648
Vicat Softening Temperature	130	°C	ASTM D1525
Additional Information			
Notched Izod Impact, ASTM D256: 9 kJ/m ²			
Injection	Nominal Value	Unit	
Drying Temperature	80.0 - 85.0	°C	
Drying Time	2.0 - 3.0	hr	
Processing (Melt) Temp	220 - 240	°C	
Mold Temperature	40.0 - 80.0	°C	
Injection Pressure	60.0 - 90.0	MPa	

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