

Zhongfa PC/ABS CW-100

Polycarbonate + ABS

Yuyao Zhongfa Engineering Plastics Co. Ltd.

Message:

Zhongfa PC/ABS CW-100 is a polycarbonate acrylonitrile butadiene styrene (PC ABS) material. This product is available in the Asia-Pacific region and is processed by injection molding.

The main features of Zhongfa PC/ABS CW-100 are:

- high liquidity
- Good processability

Typical application areas include:

- Electrical/electronic applications
- electrical appliances

General Information			
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	1.13	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	12	g/10 min	ASTM D1238
Molding Shrinkage - Flow	0.50 - 0.70	%	ASTM D955
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	45.0	MPa	ASTM D638
Tensile Elongation (Break)	50	%	ASTM D638
Flexural Modulus	2150	MPa	ASTM D790
Flexural Strength	85.0	MPa	ASTM D790
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	100	°C	ASTM D648
Vicat Softening Temperature	120	°C	ASTM D1525
Additional Information			
Notched Izod Impact, ASTM D256: 45 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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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519
Phone: +86 13424755533
Email: sales@su-jiao.com
No. 215, Lianhe North Road, Fengxian District, Shanghai, China

