

# Glastic® CBC

Thermoset Polyester

Glastic Corporation

## Message:

Glastic®CBC is a thermosetting polyester product. It is available in North America.

Features include:

- high strength
- Good dimensional stability
- moisture resistance
- chemical resistance
- Heat resistance

General Information			
Features	Good dimensional stability		
	High strength		
	Good thermal shock resistance		
	Good chemical resistance		
	Low or no water absorption		
Appearance	Blue		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.75	g/cm³	ASTM D792
Water Absorption (24 hr)	0.20	%	ASTM D570
Hardness	Nominal Value	Unit	Test Method
Barcol Hardness	95		ASTM D2583
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	19300	MPa	ASTM D790
Flexural Strength (Yield)	379	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	800	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Linear thermal expansion coefficient			ASTM D696
Flow	7.1E-6	cm/cm/°C	ASTM D696
Lateral	2.1E-5	cm/cm/°C	ASTM D696
Thermal Conductivity	0.29	W/m/K	ASTM C177
Additional Information			

Water Absorption, ASTM D570: <0.2%Surface Resistivity, ASTM D257: 10e14 ohms²Surface Operating Temperature: 572°FESD Safe: NOBarcol Hardness, ASTM D2583: 92 to 97

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