



CP09-N0068

Polycarbonate

30% Glass Fiber Reinforcement

Mold Release

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Physical	Method	Typical Value	Units
Specific Gravity	ASTM D792	1.43	
Mold Shrink, Linear Flow (.125 in)	ASTM D955	0.003	in/in
Impact			
Notched Izod Impact (.125 in) 73°F	ASTM D256	1.8	ft-lbs/in
Mechanical			
Tensile Strength @ Yield	ASTM D638	18,000	psi
Tensile Elongation @ Break	ASTM D638	3.0	%
Flexural Modulus	ASTM D790	1,100,000	psi
Thermal			
Deflection Temperature Under Load			
.25 in, 66 psi	ASTM D648	303	°F
.25 in, 264 psi	ASTM D648	293	°F

Information provided is based on typical values from reliable procedures. Values are based on natural or black materials unless otherwise noted. No guarantees or warranties of any kind are expressed or implied. Users are responsible for determining the suitability of the product for their intended application.

Recommended Processing Parameters

Drying Temperature	250°F
Drying Time	2.0 - 4.0 Hours
Suggested Maximum Moisture Content	0.02%
Rear Temperature	550 - 590 °F
Middle Temperature	570 - 610 °F
Front Temperature	590 - 630 °F
Nozzle Temperature	580 - 620 °F
Processing (Melt) Temperature	590 - 630 °F
Mold Temperature	180 - 240 °F

CPPT recommended processing parameters are meant to serve as guidelines only and are not intended to be used for specification purposes. Conditions should be adjusted to optimize material performance with the equipment part design and tooling.