



CP13-N0001

PP COPO

40% Glass Fiber, Chemically Coupled, Heat Stabilized

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Physical	Method	Typical Value	Units
Melt Flow (230°C / 2.16kg)	ASTM D1238	5.0	g/10 min
Specific Gravity	ASTM D792	1.24	
Mold Shrink, Linear Flow (.125 in)	ASTM D955	0.004	in/in

Impact

Notched Izod Impact (73°F, 0.125 in)	ASTM D256	1.5	ft-lbf/in
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Mechanical

Tensile Strength @ Yield	ASTM D638	12,500	psi
Tensile Elongation @ Break	ASTM D638	3.0	psi
Flexural Modulus	ASTM D790	900,000	psi

Thermal

Deflection Temperature Under Load 264 psi	ASTM D648	148	°C
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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	180°F
Drying Time	2.0 - 3.0 Hours
Rear Temperature	410 - 420 °F
Middle Temperature	410 - 420 °F
Front Temperature	420 - 430 °F
Nozzle Temperature	420 - 430 °F
Mold Temperature	110 - 150 °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