CP55-N0012

PPE+PS+PA

11% Glass Fiber Reinforcement

CrossPoint Polymer Technologies

5401 N Hwy 41 / Suite 1000 Evansville, IN 47711 ● Phone: 812.426.1350 ● FAX: 888.855.3671 ● www.cpptech.com

Physical	Method	Typical Value	Units
Specific Gravity	ASTM D792	1.16	
Mold Shrink, Flow: 0.125 in	ASTM D955	0.008	in/in
Impact			
Notched Izod Impact (.125 in)			
73°F	ASTM D256	1.5	ft-lbs/in
Mechanical			
Tensile Strength @ Yield	ASTM D638	12,500	psi
Tensile Elongation @ Break	ASTM D638	10.0	%
Flexural Strength	ASTM D790	21,000	psi
Flexural Modulus	ASTM D790	580,000	psi
Thermal			
Deflection Temperature Under Load			
.250 in, 66 psi	ASTM D648	466	°F
.250 in, 264 psi	ASTM D648	400	°F

Recommended Processing Parameters

Drying Temperature	225°F
Drying Time	3.0 - 5.0 Hours
Suggested Maximum Moisture Content	0.07%
Rear Temperature	500 - 570 °F
Middle Temperature	510 - 570 °F
Front Temperature	520 - 570 °F
Nozzle Temperature	530 - 570 °F
Processing (Melt) Temperature	530 - 570 °F
Mold Temperature	170 - 250 °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.