



CP57-N0001

Polyamide 66/6 Copolymer

35% Glass Fiber Reinforcement, Heat Stabilized

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Physical	Method	Typical Value	Units
Density	ISO 1183	1.40	g/cm ³
Mold Shrink, Flow		0.20	%

Impact

Charpy Notched Impact Strength 73°F	ISO 179/1eA	4.7	ft-lbs/in ²
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Mechanical

Tensile Modulus	ISO 527-2	1,550,000	psi
Tensile Stress @ Break	ISO 527-2	27,000	psi
Tensile Strain @ Break	ISO 527-2	3.1	%

Thermal

Heat Deflection Temperature 264 psi, Unannealed	ISO 75-2/A	460	°F
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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	3.0 - 6.0 Hours
Suggested Maximum Moisture Content	0.15%
Rear Temperature	500 - 540 °F
Middle Temperature	520 - 550 °F
Front Temperature	520 - 550 °F
Nozzle Temperature	510 - 560 °F
Processing (Melt) Temperature	500 - 560 °F
Mold Temperature	120 - 200 °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.