



CP07-N0006

Polyamide 66

Super Tough, Heat Stabilized

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Physical	Method	Typical Value	Units
Specific Gravity	ASTM D792	1.08	
Mold Shrink, Linear Flow (.125 in)	ASTM D955	0.020	in/in
Impact			
Notched Izod Impact (.125 in) 73°F	ASTM D256	18.0	ft-lbs/in
Mechanical			
Tensile Strength @ Yield	ASTM D638	7,200	psi
Tensile Elongation @ Yield	ASTM D638	4.0	%
Flexural Modulus	ASTM D790	275,000	psi
Thermal			
Deflection Temperature Under Load			
66 psi	ASTM D648	315	°F
264 psi	ASTM D648	145	°F
Melting Temperature	ASTM D3418	500	°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	180°F
Drying Time	3.0 - 4.0 Hours
Suggested Maximum Moisture Content	0.15%
Rear Temperature	470 - 520 °F
Middle Temperature	470 - 520 °F
Front Temperature	470 - 530°F
Nozzle Temperature	480 - 530°F
Processing (Melt) Temperature	480 - 530°F
Mold Temperature	140 - 210°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.