



CP02-N0002

ASA

Good Processability and Impact
 **Available in Black Color Only

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Physical	Method	Typical Value	Units
Melt Flow (220°C / 10.0kg)	ASTM D1238	12.0	g/10 min
Specific Gravity	ASTM D792	1.07	
Mold Shrink, Linear Flow (.125 in)	ASTM D955	0.007	in/in

Impact

Notched Izod Impact (.125 in) 73°F	ASTM D256	2.8	ft-lbs/in
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Mechanical

Tensile Modulus	ASTM D638	333,000	psi
Tensile Strength @ Yield	ASTM D638	6,100	psi
Tensile Elongation @ Break	ASTM D638	50.0	%
Flexural Strength @ Yield	ASTM D790	10,300	psi
Flexural Modulus	ASTM D790	321,000	psi

Thermal

Deflection Temperature Under Load .125 in, 66 psi	ASTM D648	204	°F
.125 in, 264 psi	ASTM D648	180	°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	175°F
Drying Time	3-4 hrs.
Suggested Maximum Moisture Content	0.1%
Rear Temperature	430 - 490 °F
Middle Temperature	440 - 500 °F
Front Temperature	450 - 510 °F
Nozzle Temperature	450 - 510 °F
Processing (Melt) Temperature	450 - 510 °F
Mold Temperature	100 - 160 °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.