



**CP02-N0001**

**ASA**

Good Flow and Processability  
 \*\*Available in Black Color Only

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
Melt Flow (220°C / 10.0kg)	ASTM D1238	13.0	g/10 min
Specific Gravity	ASTM D792	1.08	
Mold Shrink, Linear Flow (.125 in)	ASTM D955	0.008	in/in

**Impact**

Notched Izod Impact (.125 in) 73°F	ASTM D256	2.3	ft-lbs/in
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**Mechanical**

Tensile Modulus	ASTM D638	315,000	psi
Tensile Strength @ Yield	ASTM D638	5,800	psi
Tensile Elongation @ Break	ASTM D638	24.0	%
Flexural Strength @ Yield	ASTM D790	9,800	psi
Flexural Modulus	ASTM D790	310,000	psi

**Thermal**

Deflection Temperature Under Load			
.125 in, 66 psi	ASTM D648	202	°F
.125 in, 264 psi	ASTM D648	176	°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	420 - 480 °F
Middle Temperature	430 - 490 °F
Front Temperature	440 - 500 °F
Nozzle Temperature	440 - 500 °F
Processing (Melt) Temperature	440 - 500 °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.