



**CP01-N0022**

**ABS**

Clarified ABS, High Flow, Medium Impact

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Physical	Method	Typical Value	Units
Melt Flow (200°C / 5.0kg)	ASTM D1238	3.0	g/10 min
Specific Gravity	ASTM D792	1.08	
Mold Shrink, Linear Flow (.125 in)	ASTM D955	.005 - .006	in/in

**Impact**

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

Tensile Strength @ Yield	ASTM D638	5,760	psi
Tensile Elongation @ Break	ASTM D638	40.0	%
Flexural Strength	ASTM D790	7,820	psi
Flexural Modulus	ASTM D790	270,000	psi

**Thermal**

Deflection Temperature Under Load 264 psi	ASTM D648	190	°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	185°F
Drying Time	3-5 hrs.
Suggested Maximum Moisture Content	0.07%
Rear Temperature	390 - 430 °F
Middle Temperature	430 - 480 °F
Front Temperature	430 - 480 °F
Processing (Melt) Temperature	440 - 470 °F
Mold Temperature	120 - 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.