



**OmniPro™**  
**CPP XE72A BK17**

High Impact, Electrostatic Dissipative, Copolymer Polypropylene

PHYSICAL	Units	ASTM/ISO Procedure	English	Metric
Melt Flow	g/10 min.	D1238	4	4
Specific Gravity		D792	0.99	0.99
Filler/Reinforcement	%	D5630	-	-

**IMPACT**

Izod Impact Resistance Notched 1/8" bar, 73°F	ft.-lbs/in. (J/m)	D256	N/B	N/B
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**MECHANICAL**

Tensile Strength At Yield, 73°F	psi (MPa)	D638	2,900	20
Tensile Elongation	%	D638	25	25
Flexural Modulus	psi (MPa)	D790	175,000	1,207
Flexural Strength	psi (MPa)	D790	3,800	26

**THERMAL**

Deflection Temperature 1/8" bar, 66 psi	°F (°C)	D648	220	104
1/8" bar, 264 psi	°F (°C)	D648	-	-

**ELECTRICAL**

Surface Resistance	R <sub>s</sub>	D257	-	10 <sup>10</sup> Ω/sq
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**FLAMMABILITY**

Flame Resistance *Omni Internal Testing	.125"	UL 94	HB*	HB*
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**RECOMMENDED PROCESSING CONDITIONS**

Drying Temperature	180° F
Drying Time	2 to 4 hrs. max.
Maximum Moisture	0.20%
Rear Zone(s)	400 to 480° F
Middle Zone(s)	420 to 500° F
Front Zone(s)	420 to 500° F
Nozzle	420 to 500° F
Mold Temperature	80 to 140° F
Melt Temperature	420 to 500° F
Back Pressure	50 to 100 psi

Values are based on natural or black materials unless otherwise noted. Properties and values herein are based on laboratory test specimens and should not be used to establish minimum specification limits or fabricate tooling.

Omni does not guarantee the accuracy of this information or the suitability of this product in any given application or usage situation.