



Prime Cor-X PP is a Polypropylene that is extruded into a corrugated configuration that provides good stiffness. The surface can be corona treated so that it will accept inks for silk screening and other types of printing. The flute configuration can run parallel to the extrusion direction or they can be oscillating. A polyspun laminate is also offered for this product.



## PRIME COR-X PP

Prime Cor-X PP	High	Avg.
Impact Strength		*
Low Temperature Impact Strength		*
Tensile Strength	*	
Flexural Modulus	*	
Heat Deflection Temperature	*	

### Applications:

Prime Cor-X PP is ideal for point of purchase displays, signs, mail totes, automotive dunnage and other types of containers. Furthermore, we also offer a polyspun lamination that will provide the prime surface with a low COF for protecting delicate products. Special formulas provide Conductive ( $10^4 - 10^5$  ohms/square) Anti-stat ( $10^9 - 10^{12}$  ohms/square) and VCI (volatile corrosion inhibitor).

### Finishing:

Prime Cor-X PP can be fabricated by drilling, routing, sawing, die and/or laser cut. Mechanical fasteners and sonic welding work well for joining this product together.

Physical Properties are based on injection molded test bars of based resins used.

Property	Test Method	Value	Unit
Specific Gravity	D-1505	.906	
Melt Flow	D-1238	.5	g/10 min
Tensile @ Yield	D-638	4,000	psi
Flexural Modulus	D-790	195,000	psi
Elongation @ Break	D-638	>500	%
HDT @ 66 psi	D-648	190	°F
Notched Izod @ 73°F	D-256	No Break	ft-lb/in
Rockwell Hardness	D-785	75	R Scale

Complies with 21 CFR 177.1520 and Mil- P-83668

### Colors, Textures and Capabilities:

Our Prime Cor-X PP comes in a wide variety of industry standard colors or it may be color matched to meet your specific requirements. The texture is smooth. This product is available in 3 to 12mm and up to 104" in width. 2 mm is available up to 80" wide. We offer a polyspun laminate to meet your specific requirements. Prime Cor-X PP is available in cut sheet as well as rolls.

Please contact your Piedmont Plastics representative for more information on finishing, fabricating, or the thermoforming process.

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small enough to handle YOUR needs.*

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