



Hop Industries Corporation

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Data Information Sheet
Typical Properties of BVDC H1X Film
Anti-Static Vacuum Forming Grade

Description

BVDC H1X is a clear rigid PVC film with gloss/gloss surface. With a static dissipative function BVDC H1X is engineered for use in thermoforming applications. Typical applications are for thermoformed trays, lids and clamshell containers offering structural and electrostatic protection of sensitive electronic components. Special requirement options of BVDC H1X include (but not limited to):

Customized Impact Strengths – MXX=Medium, HXX=High, VXX=Very High, EXX=Extra High

<u>Property</u>	<u>Test Method</u>	<u>Typical Values</u>
Thickness (mils)	**	7.0 ~ 40 (roll)
Thickness tolerance	**	± 5%
Width Tolerance	**	± 1/16" (roll)
Color	N/A	Transparent
Gloss Value (60°)	ASTM-D523	120 ± 20
Specific Gravity	ASTM-D792	1.34 ± 0.02
Tensile Strength (psi)	ASTM-D882	6000 min.
Elongation (%)	ASTM-D882	100 min. (20 ga↓), 70 min. (20.1 ga↑)
Surface Resistivity	ASTM-D257	≤ 10 ¹⁰
@ 12%RH (ohms/sq.) ± 3%		
Static decay rate @ 12%RH ± 3%	EIA 541	<0.1 second
Contact Corrosivity	FTM 101C-3005	No corrosion
Out gassing	ASTM-E-595	TML 0.33%, CVCM 0.03%
	NASA SP-R-0022A	WVR 0.04%
Polycarbonate Compatibility	SP-2222	Compatible at
	EIA-564	73 °F, 120 °F, and 158 °F
Impact Strength		*MXX HXX VXX EXX
Cold Break Temperature	ASTM-D1790	5 °F -4 °F -22 °F -31 °F

Note: ASTM-D1790 is based on the Annual Book 1992. The other ASTM methods above are based on the Annual Book 1999 and have been modified to suit practical applications.

* For dimensions and/or physical properties different from what is listed above or special requirements including weather ability and flammability, etc., contact the vendor for the agreement on the specifications.

** Factory Product Self Inspection and Test Methods.

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