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DATA INFORMATION SHEET TYPICAL PROPERTIES OF BVDC HAX AND BVDC H1X FILM

DESCRIPTION:

BVDC HAX and H1X are clear rigid PVC films with gloss/gloss surface. BVDC HAX and H1X are engineered for use in thermoforming application with single-side and double-side static dissipative function, respectively. Both have excellent characteristics in deep draw, easy die cut, and broad thermoforming window. Typical applications are for thermoformed trays, lids and clamshell containers offering structural and electrostatic protection of sensitive electronic components. Special requirement options of BVDC HAX and H1X include (but not limited to)

Customized impact strengths – MXX- medium, HXX-high, VXX-very high, EXX- extra high

PROPERTY	TEST METHOD	*TYPICAL VALUES
Thickness (mils)	**	7.0 ~ 40 (roll)
Thickness Tolerance	**	± 5%
Width tolerance	**	± 1/16" (roll)
Color	N/A	Transparent
Gloss value (60°)	ASTM-D523	125 ± 20
Specific gravity	ASTM-D792	1.34± 0.02
Tensile strength (psi)	ASTM-D638	6000 min.
Elongation (%)	ASTM-D638	100 min. (20↓ mil), 70 min. (20.1↑ mil)
Surface resistivity	ASTM-D257	≤10 ¹² (HAX)
@ 12 RH(ohms/sq.) ±3%		≤10 ¹⁰ (H1X)
Static decay rate @ 12%RH(sec) ± 3%	EIA 541	< 0.1 seconds (H1X)
Contact corrosivity	FTM 101C-3005	No corrosion
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 conditions.

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

** Nan Ya Product Inspection and Test Methods

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