## 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

### Property | Test Method | Typical Values
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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 @ 12%RH (ohms/sq) ± 3% | ASTM-D257 | ≤ 10⁶
Static decay rate @ 12%RH ± 3% | EIA 541 | <0.1 second
Contact Corrosivity | FTM 101C-300S | No corrosion
Out gassing | ASTM-E-595 | TML 0.33%, CVCM 0.03%
Polycarbonate Compatibility | NASA SP-R-0022A | WVR 0.04%
Impact Strength | SP-2222 | Compatible at 73 °F, 120 °F, and 158 °F
Cold Break Temperature | EIA-564 | *MXX HXX VXX EXX

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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