



Hop Industries Corporation

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**Data Information Sheet
 Typical Properties Of BVDC Film
 Easy Release Vacuum Forming Grade**

Description

BVDC is a clear rigid PVC film with a gloss/gloss surface. BVDC has been engineered for use in thermoforming applications. It has excellent characteristics in clarity, deep draw, easy die cutting, and has a broad thermoforming window. Typical applications for this product are blisters for hardware products, toys, cassettes, and any protective packaging. Special requirement options of BVDC include (but not limited to):

- Customized Impact Strengths – MXX=Medium, HXX=High, VXX=Very High, EXX=Extra High
- One-side or two-side silicone coating – XSX, X2X
- Transparent and opaque
- * Customized formulas for special requirements.

<u>Property</u>	<u>Test Method</u>	<u>Typical Values</u>
Thickness (mils)	**	7.0 ~ 40.0 (roll)
Thickness tolerance	**	± 5%
Width Tolerance	**	± 1/16" (roll)
Color	N/A	Various
Gloss Value (60°)	ASTM-D523	140 ± 15 (lightly tinted transparent)
		100 ± 25 (deeply tinted transparent)
		90 ± 15 (opaque)
Specific Gravity	ASTM-D792	1.34 ± 0.02 (transparent)
		1.40 ± 0.04 (opaque)
Tensile Strength (psi)	ASTM-D638	6500 min.
Elongation (%)	ASTM-D638	100 min. (20↓ mil), 70 min. (20.1↑ mil)
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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