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DATA INFORMATION SHEET
TYPICAL PROPERTIES OF BVDC FILM

DESCRIPTION:

BVDC is a clear rigid PVC film with gloss/gloss surface. BVDC has been engineered for use in thermoforming application. It has excellent characteristics in clarity, deep draw, easy die cutting, and 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.

PROPERTY	TEST METHOD	*TYPICAL VALUES
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)
Dyne level	ASTM-D2578	32 max. (silicone-coated side)
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