



Hop Industries Corporation

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Data Information Sheet
Typical Properties of BBBC Film
Clear Box Lid Grade

Description

BBBC is a clear rigid PVC film with a gloss/gloss surface. BBBC has been engineered for box lid applications which require excellent low crease-whitening qualities. It has excellent characteristics in clarity, easy cutting, and outstanding impact properties. Typical applications of this material include folding boxes for perfume products, toys, gifts as well as any value-added packaging. This material may be used for printing. (Please verify and consult with the vendor for printing suitability). Special requirement options of BBBC include (but not limited to):

- Customized Impact Strengths – HXX=High, VXX=Very High, EXX=Extra High
- Transparent and opaque
- Corona Treatment – 40 above of Dyne Level for at least one month after production.
- * Customized formulas for special requirements.

<u>Property</u>	<u>Test Method</u>	<u>Typical Values</u>		
Thickness (mils)	**	6.0 ~ 8.0 (roll) 8.0 ~ 20 (roll & sheet)		
Thickness tolerance	**	± 7% (7.0↓ mil) ± 5% (7.1↑ mil)		
Width Tolerance	**	± 1/16" (roll), ± 1/32" (square cut)		
Color	N/A	Various		
Gloss Value (60°)	ASTM-D523	135 ± 10 (lightly tinted transparent) 110 ± 25 (deeply tinted transparent) 90 ± 15 (opaque)		
Total Light Transmission (%)	ASTM-D1003	80 min. (lightly tinted transparent)		
Haze (%)	ASTM-D1003	3.5 max. (lightly tinted transparent)		
Specific Gravity	ASTM-D792	1.34 ± 0.02 (transparent) 1.40 ± 0.04 (opaque)		
Tensile Strength (psi)	ASTM-D638	6000 min.		
Elongation (%)	ASTM-D638	100		
Heat Distortion temp. (°F@264 psi)	ASTM-D648	152 ± 5		
Vicat Softening Temp. (°C)	ASTM-D1525	89 ± 2		
Dyne Level	ASTM-D2578	34 min.		
Impact Strength		HXX	VXX	EXX
Cold Break Temperature	ASTM-D1790	-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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