



Hop Industries Corporation

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**Data Information Sheet**  
**Typical Properties of BPGB**  
**White Matte/Matte or Clear Matte/Matte**  
**Printing Grade**

**Description**

BPGB is a rigid PVC film with a matte/matte surface. BPGB has been engineered for use in the printing industry. It has excellent printing characteristics as well as customized impact properties. Typical applications of this material are for; offset printed cards, including membership cards, telephone cards, credit cards and other types of promotional and gift cards. Special additives available for BPGB include (but not limited to):

Customized Impact Strengths: HXX=High, VXX=Very High, EXX=Extra High.  
Corona Treatment: Dyne level of 40 and above for at least one month post calender production.  
Custom Colors: Clear, Opaque Colors, Tinted Colors.

<b><u>Property</u></b>	<b><u>Test Method</u></b>	<b><u>Typical Values</u></b>
Thickness (mils)	**	7.0 ~ 30.0 (roll & sheet)
Thickness Tolerance	**	± 5%
Width Tolerance	**	± 1/16" (roll), ± 1/32" (square cut sheet)
Gloss Value (60°)	ASTM-D523	CR 4/5: 14↓ / 10 ↓
Specific Gravity	ASTM-D792	1.34 ± 0.02 (translucent) 1.40 ± 0.04 (opaque)
Tensile Strength (psi)	ASTM-D638	6000 min.
Elongation (%)	ASTM-D638	100 min. (20 mil↓), 70 min. (20.1 mil↑)
Heat Distortion temp. (°F@264 psi)	ASTM-D648	152 ± 5
Vicat Softening Temp. (°C)	ASTM-D1525	89 ± 2
Dyne Level	ASTM-D2578	CR4=34 min. / CR5=38 min.
Surface Roughness (Ra, microinch)	**	60 ± 25
Impact Strength		HXX                      VXX                      EXX
Cold Break Temperature	ASTM-D1790	-4 °F                      -22 °F                      -31 °F (glossy side out)

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.

\*\* Factory Product Self Inspection and Test Methods.

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