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INFORMATION SHEET TYPICAL PROPERTIES OF 908 EMBOSSED BPGG FILM

DESCRIPTION:

BPGG 908 Embossing is a rigid PVC film with a scratch resisting embossing surface. BPGG 908 Embossing has engineered for use in the printing industry. It has good printing characteristics as well as customized impact properties. Typical applications of this material are for mouse pad or other greeting cards, advertisement cards, and large placards. Special requirement options of BPGG include (but not limited to)

Customized impact strengths – HXX-high, VXX-very high, EXX- extra high

* Customized formulas for special requirements.

PROPERTY	TEST METHOD	*TYPICAL VALUES
Thickness (mils)	**	5.0 ~ 15 (roll)
Thickness tolerance	**	± 7% (7.0 ↓ mil) ± 5% (7.1 ↑ mil)
Width tolerance	**	± 1/16" (roll)
Color	N/A	Transparent
Gloss value (60°)	ASTM-D523	25 max. embossed side 70± 20 for non-embossing (7.1 mil ↑) 50 ± 20 for non-embossing (7.0 mil ↓)
Surface roughness (Ra: μin)	**	180 min.
Specific gravity	ASTM-D792	1.34 ± 0.02
Tensile strength (psi)	ASTM-D638	6000 min.
Elongation (%)	ASTM-D638	100 min. (20↓ mil), 70 min. (20.1↑ mil)
Vicat softening temp. (°C)	ASTM-D1525	89 ± 2
Dyne level	ASTM-D2578	32 min. (non-emboss surface)
Impact strength		HXX VXX EXX
Cold-break temperature	ASTM D1790	-4 °F -22 °F -31 °F (glossy side out)
UV resistance	ASTM-G-53	◆(only when requested)

◆ This test result only suggests if there is an improvement in the UV resistance, not the actual durability for outdoor or indoor use.

* For dimensions and/or physical properties different from what is 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

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