

濟展塑膠工業有限公司

T & L PLASTIC CORP.

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PROPERTIES OF MATERIAL applied for PATTERNED PANELS

TYPICAL PROPERTIES	TEST METHOD	TEST UNIT	Test Condition	GPS *	PMMA ****	PC *****
TENSILE STRENGTH	ASTM D368	KG/SQ.CM.		420	680	=
	ASTM D638	PSI	23 Deg.C	=	=	9500
TENSIL ELONGATION	ASTM D368	%		2.1	5.0	=
	ASTM D638	PSI	23 Deg.C	=	=	345000
FLEXURAL MODULUS	ASTM D790	KG/SQ.CM.	23 Deg.C	3.4	=	=
FLEXURAL STRENGTH	ASTM D790	KG/SQ.CM.	23 Deg.C	800	1000	=
	ASTM D790	PSI		=	=	13500
ROCKWELL-HARDNESS	ASTM D785	M.SCALE		M-76	M-85	=
IZOD IMPACT STRENGTH	ASTM D256	KG-CM/CM (1/4)	23 Deg.C	1.8	2.0	=
	JIS K7110	KGf-CM/CMF, 6.5MM		=	=	=
	ASTM D256	KG.FT.CM/CM		=	=	97-137
VICT SOFTENING TEMP.	ASTM D1525	DEG. C.		93	105	157
	JIS K7206	DEG. C.		=	=	=
HEAT DISTORTION TEMP.	ASTM D648	DEG. C.		88	92	132
	JIS K7207			=	=	=
SPECIFIC GRAVITY	ASTM D792	23/23 C.		1.05	1.19	1.2
MELT FLOW INDEX	ASTM D1238	COND.I G./10MIN.		7.0	8.0	=
	JIS K7210	G.10MIN.230CX3.8KG		=	=	=
FLAMMABILITY	File No. E56070 UL & C-UL					

* PS = POLYSTYRENE (GENERAL GRADE).

***** THE DATA ARE INTENDED AS A GENERAL GUIDE ONLY.

The above data represent the typical values of resin performance and are not used for sales specification, guaranteed value, or as any supportive document for any contract.