



FORMOSA INDUSTRIES CORPORATION

PRODUCT Biaxially Oriented PolyPropylene film (BOPP)
TYPE Plain film
GRADE TLA
APPLICATION Adhesive tape
PROPERTIES Excellent MD tensile strength, good transparency and gloss, one side treatment.

TECHNICAL DATA SHEET

TYPICAL PROPERTIES	UNIT		TEST METHODS	STANDARD				
				15~20	21~30	31~40	41~50	51~60
THICKNESS	micron		Micrometer	15~20	21~30	31~40	41~50	51~60
SPECIFIC GRAVITY	g / cm ³		ASTM D-1505	0.91	0.91	0.91	0.91	0.91
AVERAGE THICKNESS VARIATION	% (max)		ASTM E-252	+ / - 5	+ / - 5	+ / - 5	+ / - 5	+ / - 5
BREAK STRENGTH	kg (min)	MD	ASTM D-882	6	8	10	13	14
TENSILE STRENGTH	kg / mm ² (min)	MD	ASTM	10	12	12	10	8
		TD	D-882	24	24	24	22	20
ELONGATION AT BREAK	% (max)	MD	ASTM	190	200	210	230	240
		TD	D-882	80	80	80	80	80
HEAT SHRINKAGE (100°C, 60 minutes)	% (max)	MD	ASTM	2.8	2.5	2.3	2.2	2.2
		TD	D-1204	1.0	1.0	1.0	1.0	1.0
C.O.F.	NT/T		ASTM D-1894	0.38~0.58	0.38~0.58	0.38~0.58	0.38~0.58	0.40~0.60
HAZE	% (max)		ASTM D-1003	1.8	2.3	2.5	2.6	2.7
GLOSS (ANGLE 60°)	% (min)		ASTM D-2457	90	90	90	90	90
CORONA TREATMENT	Dynes / cm (min)	T	ASTM D-2578	38	38	38	38	38

Remarks : The above figures obtained from laboratory are for reference only. Customers should consider suitability for their own applications. Since conditions of usage vary and are not controllable, Formosa Industries Corporation undertakes no liability for results obtained by usage of these products.

Manager :

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Prepared by :

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