

FILMS WITH ACRYLIC OR CO-POLYESTER PRIMER

Transparent pet film both sides acrylic primered for elevated bonding with conductive inks, and heat stabilized for high dimensional stability.

PROPERTIES	U.M.	TEST METHOD	VALUE 50 µ	VALUE 75 µ	VALUE 100 µ	VALUE 125 µ	VALUE 175 µ	VALUE 250 µ	VALUE 350 µ
THICKNESS VARIATION	micron	by weight	47,5 - 52,9	71 - 79	95 - 105	118 - 131,5	166 - 183,5	237 - 262,5	332 - 367,5
DENSITY	gr/cm3	ASTM D 1505	1,4	1,4	1,4	1,4	1,4	1,4	1,4
YIELD	sqm/kg	internal	14,30	9,52	7,14	5,71	4,08	2,86	2,04
TENSILE STRENGTH (MD)	Kg/cm2	ASTM D 882	1800 - 2500	1800 - 2500	1800 - 2500	1800 - 2500	1800 - 2500	1800 - 2500	1800 - 2500
TENSILE STRENGTH (TD)	Kg/cm2	ASTM D 882	2000 - 2700	2000 - 2700	2000 - 2700	2000 - 2700	2000 - 2700	2000 - 2700	2000 - 2700
ELONGATION AT BREAK (MD)	%	ASTM D 882	100 - 200	100 - 200	100 - 200	100 - 200	100 - 200	100 - 200	100 - 200
ELONGATION AT BREAK (TD)	%	ASTM D 882	100 - 200	100 - 200	100 - 200	100 - 200	100 - 200	100 - 200	100 - 200
SHRINKAGE (MD) (150°C FOR 30min)	%	ASTM D 1204	0,30	0,20	0,20	0,20	0,20	0,20	0,20
SHRINKAGE (TD) (150°C FOR 30min)	%	ASTM D 1204	0,10	0,10	0,10	0,10	0,10	0,10	0,10
HAZE	%	ASTM D 1003	3 - 7	3 - 7	3 - 7	3 - 7	3 - 7	3 - 7	3 - 7
BREAKDOWN VOLTAGE	Kv	ASTM D 149	9,5	12,5	14	17	18	22	26

The above information is given in good faith and is generally reliable. However, the customer will have to examine the suitability of the film for individual application. Hence no general or particular warranty for the applications of the film is offered by us. The above information is liable to change due to innovation and improvement in the manufacturing process. We assume no liability for any infringement of any patent, copyright or design on the part of the customer while exploiting the film for different end-uses.