

FILMS WITH HIGH SURFACE TENSION AND LOW SHRINKAGE

White pet film one (HP) or two sides (HSPL) treated and heat stabilized for high dimensional stability and elevated bonding with conductive inks, adhesive masses and lacquers thanks to the high surface tension of the film.

PROPERTY	UNIT	METHOD	VALUE 50 µ	VALUE 75 µ	VALUE 100 µ	VALUE 125 µ	VALUE 175 µ
THICKNESS VARIATION	micron	internal	47,5 - 52,9	72,0 - 78,0	95,0 - 105,0	119,0 - 131,0	166,0 - 184,0
DENSITY	gr/cm3	ASTM D 1505	1,41	1,41	1,41	1,41	1,41
YIELD	sqm/Kg	internal	14,08	9,39	7,14	5,71	4,08
TENSILE STRENGTH (MD)	Kg/cm2	ASTM D 882	> 1250	> 1250	> 1250	> 1250	> 1250
TENSILE STRENGTH (TD)	%	ASTM D 882	> 1550	> 1550	> 1550	> 1550	> 1550
ELONGATION AT BREAK (MD)	%	ASTM D 882	> 50	> 50	> 50	> 50	> 50
ELONGATION AT BREAK (TD)	sec BEKK	ASTM D 882	> 50	> 50	> 50	> 50	> 50
WETTING TENSION (trated side)	Dynes/cm	ASTM D 2578	> 58	> 58	> 58	> 58	> 58
SHRINKAGE (MD) (150°C FOR 30min)		ASTM D 1204	< 0,3	< 0,3	< 0,2	< 0,2	< 0,2
SHRINKAGE (TD) (150°C FOR 30min)	%	ASTM D 1204	< 0,2	< 0,2	< 0,2	< 0,2	< 0,2
WHITENESS		ASTM E 313	> 90	> 90	> 90	> 90	> 90
TOTAL LIGHT TRANSMISSION	%	ASTM D 1003	< 23	< 18	< 10	< 8	< 5

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.