

Kemafoil® MTSL

DESCRIPTION : Optically clear , heat stabilized polyester film
END USE: Both sides treated to give perfect adhesion to based and UV curing inks
 Membrane touch switches and graphic layer

PROPERTY		UNIT	METHOD	VALUE	VALUE	VALUE	VALUE
				75 μ	100 μ	125 μ	175 μ
THICKNESS VARIATION		mic.	internal	72.0 - 78.0	95.0 - 105.0	119.0 - 131.0	166.0 - 184.0
DENSITY		gm/cm3	ASTM D 1505	1.395 -1.405	1.395 -1.405	1.395 -1.405	1.395 -1.405
YIELD		sqm/kg	internal	9,52	7,14	5,71	4,08
TENSILE STRENGTH	MD	Kg/cm2	ASTM D 882	1800 - 2500	1800 - 2500	1800 - 2500	1800 - 2500
	TD	Kg/cm2	ASTM D 882	2000 - 2700	2000 - 2700	2000 - 2700	2000 - 2700
ELONGATION AT BREAK	MD	%	ASTM D 882	100 - 200	100 - 200	100 - 200	100 - 200
	TD	%	ASTM D 882	100 - 200	100 - 200	100 - 200	100 - 200
SHRINKAGE (150°C FOR 30 MIN)	MD	%	ASTM D 1204	0,30	0,20	0,15	0,15
	TD	%	ASTM D 1204	0,10	0,10	0,10	0,10
HAZE		%	ASTM D 1003	1,0	1,0	1,5	1,5
BREAKDOWN VOLTAGE		Kv	ASTM D 149	12	13	15	16
DIELECTRIC COSTANT			ASTM D 150	2,9	2,9	2,9	2,9

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.