

BREATHABLE FILMS

PROPERTIES		UNIT	TEST METHOD	TYPICAL VALUES			
BASIS WEIGHT		G / m ²	100cm ³ weighing (digital balance)	32	34	35	38
WVTR		G / m ² – 24hr	ASTM E-96 Water method (380c x 50%RH)	4000	4000	4000	4000
HYDROSTATIC HEAD		mbar	ISO 811/TEXTTEST FX 3000	100	100	100	100
PEEL STRENGTH	CD	G / 4nch	HIS METHOD	110	120	110	120
TENSIL STRENGTH AT 5%	MD	G / 25 mm	- ASTM D-882	950	980	1050	1150
	CD		- SPECIMEN :	160	220	250	260
MAX. TENSILE STRENGTH	MD	G / 25 mm	- 25mm x 100mm	2550	2650	2800	3000
	CD		- Clip distance :	700	800	950	1100
ELONGATION AT MAX. TENSILE	MD	%	- Tensile speed:	20	20	23	25
	CD		300mm /min	45	50	60	60
THERMAL SHRINKAGE	MD	%	H.S.I METHOD (90oc x 1min , hot water)	8.0	8.0	8.0	8.0
WHITENESS		%	HUNTER METHOD	97.0	97.0	97.0	97.0

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