

INSOLATING MATERIALS

CABLES WRAPPING

POLYPROPYLENE FILMS

PROPERTIES SPECIFICATION	UNIT AND TEST METHOD						
THICKNESS	MICRON		20	25	30	35	40
UNIT WEIGHT	G/m ²		18.2	22.7	27.3	31.8	36.4
YIELD	M2/kg 54.9		44	36.6	31.4	27.5	
SEALING RANGE	O ^C		105–155				
SEALING STRENGTH	110 O ^C P40X103 t 0.5 SEC g/25 mm	MD TD	700 500				
TREATMENT	ASTM D 2578 Dynes / cm		- >38				
COEFFICIENT OF FRICTION	ASTM D 1894 (film / film)		- < 0.25				
WATER VAPOUR PERMEABILITY (25 MY)	ASTM E 96 , 38 O ^C , 90% R.H. G/m ² .24h		6 – 7				
DIMENSIONAL STABILITY (SHRINKAGE)	130 O ^C 1 MIN. %	MD TD	- 45 - 1.0				
HAZE	ASTM D 1003 %		1.8				
GLOSS	ASTM D 2457 %		85				
ELASTICITY MODULUS	ASTM D 882 N/mm ²	MD TD	2000 3400				
BREAKING STRENGTH	ASTM D 882 N/mm ²	MD TD	150 250				
ELONGATION AT BREAK	ASTM D 882 %	MD TD	200 70				

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