



Application: Plastic and rubber vapour control layers EN 13984

Style name **8314X** Language **English**  
 Type of carrier **DuPont™ Typar® (PP), PE and aluminium composite**

PROPERTY	METHOD	UNITS	NOMINAL	MINIMUM	MAXIMUM
Product designation acc. to EN 13984	-	-	A		
<b>FUNCTIONALITY: WATER VAPOR AND AIR TIGHTNESS</b>					
Water vapour transmission (sd)	EN 1931	m	2400	1500	-
Density of water vapour flow rate (g)	EN 1931	kg / (m <sup>2</sup> s)	1,73E-10	-	2,77E-10
Emissivity	EN 15976	-	0,05	-	-
Temperature resistance	-	°C	-	-40	+80
Durability (exposure to artificial ageing)					
Water vapour transmission properties	EN 1931	pass / no pass	pass	-	-
Bendtsen airpermeability	ISO 5636/3	ml/min	0	-	-
Gurley airpermeability	ISO 5636/5	s	-	>2000	
<b>PHYSICAL AND MECHANICAL PROPERTIES</b>					
Mass per unit area	EN 1849-2	g/m <sup>2</sup>	122	112	132
Thickness	EN 1849-2	mm	0,31	-	-
Water tightness	EN 1928 (A)	pass / no pass	pass	-	-
Reaction to fire	EN ISO 11925-2	class	E	-	-
Maximum tensile force (MD)	EN 12311-2	N/50mm	180	140	-
Elongation at max. tensile force (MD)	EN 12311-2	%	15	5	-
Maximum tensile force (XD)	EN 12311-2	N/50mm	160	120	-
Elongation at max. tensile force (XD)	EN 12311-2	%	25	10	-
Resistance to tearing MD (nail shank)	EN 12310-1	N	250	180	-
Resistance to tearing XD (nail shank)	EN 12310-1	N	280	210	-
<b>ADDITIONAL PROPERTIES</b>					
Length (customer related, expressed in m)	EN 1848-2	deviation in %	0	0	-
Width (customer related, expressed in mm)	EN 1848-2	deviation in %	0	-0,5	+1,5
Straightness	EN 1848-2	mm/10m	-	-	75
Resistance to impact	EN 12691	mm	(+)		
Joint strength	EN 12317-2	N/5cm	(+)		
Durability (against alkali)					
Elongation at max. tensile force (MD)	EN 12311-2	pass / no pass	(+)		
Elongation at max. tensile force (XD)	EN 12311-2	pass / no pass	(+)		

(+): No Performance Determined

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