DuPont™ AirGuard® Control Technical Datasheet

Application: Plastic and rubber vapour control layers EN 13984: 2013

Style name	**8327AD**	Language	**English**
Type of carrier	**DuPont™ Typar® (PP) with a Ethylene-Butylacrylate Copolymer coating**	Applicable for	**UK, Ireland**

PROPERTY	METHOD	UNITS	NOMINAL	MINIMUM	MAXIMUM
Product designation acc. to EN 13984	-	-	A	-	-
FUNCTIONALITY: WATER VAPOR AND AIR TIGHTNESS					
Water vapour transmission (sd)	EN 1931	m	5	2	8
Density of water vapour flow rate (g)	EN 1931	kg / (m² s)	0,8E-7	0,5E-7	2,04E-7
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	
PHYSICAL AND MECHANICAL PROPERTIES					
Mass per unit area	EN 1849-2	g/m²	108	100	116
Thickness	EN 1849-2	mm	0,32	0,25	0,39
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	200	150	-
Elongation at max. tensile force (MD)	EN 12311-2	%	40	25	-
Maximum tensile force (XD)	EN 12311-2	N/50mm	175	120	-
Elongation at max. tensile force (XD)	EN 12311-2	%	40	25	-
Resistance to tearing MD (nail shank)	EN 12310-1	N	210	170	-
Resistance to tearing XD (nail shank)	EN 12310-1	N	220	170	-
ADDITIONAL PROPERTIES					
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

The product mentioned above, in our opinion, fulfils the criteria of being classified as 'article' (REACH, Art. 3.3). There are no substances intended to be released from this product under normal or reasonably foreseeable conditions of use. The above article to our current knowledge does not contain substances, above the legal threshold, that are on the 'Candidate List' of Substances of Very High Concern (SVHC) as published on the ECHA website.

CE

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Some test methods are modified according to the EN 13984:2013 and/or according to the DuPont ISO 9001:2015 certified quality system (for details please contact your regional DuPont representative). All values are based on roll average. This information corresponds to our current knowledge on the subject. It is offered in accordance with REGULATION (EU) No 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC. It is not intended to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for any application other than the application as specified herein. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, DuPont makes no warranties and assumes no liabilities in connection with any use of this information for applications other than the application as specified herein. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right. Product safety information is available on request. This data sheet is a printed document and is valid without signature.