

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 / (m ² 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/m ² | 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.



Effective date: 15/12/2023
 First CE: 07/08/2006

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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.