

# DECLARATION OF PERFORMANCE

## DOP-5816X-02



1. Unique identification code of the product-type:  
5816X DuPont™ AirGuard® A2 FR
2. Intended use/es:  
Application: Plastic and rubber vapour control layers EN 13984: 2013
3. Manufacturer:  
DuPont de Nemours (Luxembourg) S.à r.l.  
Rue General Patton, L-2984 Luxembourg
4. Authorised representative:
5. System/s of AVCP:  
System 3
- 6a. Harmonised standard:  
EN 13984:2013  
Notified body/ies:  
KIWA GmbH, TBU (NB 0799)
7. Declared performance/s:  
Harmonised technical specification EN 13984:2013

Essential characteristics			Performance		
PROPERTY	METHOD	UNITS	NOMINAL	MINIMUM	MAXIMUM
Water vapour transmission (sd)	EN 1931	m	4900	1500	-
Density of water vapour flow rate (g)	EN 1931	kg / (m <sup>2</sup> s)	0,866E-10	-	2,72E-10
Vapor Resistance (VR)	on basis of BS3177	MNs/g	24000	7500	-
Durability (exposure to artificial ageing)					
Water vapour transmission properties	EN 1931	pass / no pass	pass	-	-
Water tightness	EN 1928 (A)	pass / no pass	pass	-	-
Reaction to fire	EN 13501-1	classe	A2-s1, d0*	-	-
Maximum tensile force (MD)	EN 12311-2	N/50mm	800	700	-
Elongation at max. tensile force (MD)	EN 12311-2	%	4	2.5	-
Maximum tensile force (XD)	EN 12311-2	N/50mm	800	700	-
Elongation at max. tensile force (XD)	EN 12311-2	%	4	2.5	-
Resistance to tearing MD (nail shank)	EN 12310-1	N	170	140	-
Resistance to tearing XD (nail shank)	EN 12310-1	N	150	120	-
Resistance to impact	EN 12691	mm	(+)	-	-
Joint strength	EN 12317-2	N/5cm	-	150	-
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	(+)	-	-

(\*): freehanging & affixed on underlying materials with EN13501-1 fire class A1 or A2-s1, d0. The use with DuPont™ AirGuard® FR System tape (1310FR) is included in the classification.

(+): 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.

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Luxembourg, 22/10/2021

  
**Paul MEYERS**  
 Managing Director & Works Director  
 DuPont de Nemours (Luxembourg) S.à r.l.