

# DECLARATION OF PERFORMANCE

DOP-5814X-02

1. Unique identification code of the product-type:  
5814X
2. Intended use/es:  
Application: Plastic and rubber vapour control layers EN 13984
3. Manufacturer:  
DuPont de Nemours (Luxembourg) S.à r.l.  
Rue General Patton, L-2984 Luxembourg
4. Authorised representative:  
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5. System/s of AVCP:  
System 3
- 6a. Harmonised standard:  
EN 13984:2013  
  
Notified body/ies:  
KIWA TBU DE (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                       | 2000        | 500     | -        |
| Density of water vapour flow rate (g)      | EN 1931        | kg / (m <sup>2</sup> s) | 2,04E-10    | -       | 8,04E-10 |
| 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 ISO 11925-2 | class                   | E (*)       | -       | -        |
| Maximum tensile force (MD)                 | EN 12311-2     | N/50mm                  | 440         | 350     | -        |
| Elongation at max. tensile force (MD)      | EN 12311-2     | %                       | 25          | 15      | -        |
| Maximum tensile force (XD)                 | EN 12311-2     | N/50mm                  | 210         | 150     | -        |
| Elongation at max. tensile force (XD)      | EN 12311-2     | %                       | 22          | 15      | -        |
| Resistance to tearing MD (nail shank)      | EN 12310-1     | N                       | 230         | 150     | -        |
| Resistance to tearing XD (nail shank)      | EN 12310-1     | N                       | 250         | 150     | -        |
| Resistance to impact                       | EN 12691       | mm                      | (+)         |         |          |
| Joint strength                             | EN 12317-2     | N/5cm                   | -           | 80      | -        |
| Durability (against alkali)                |                |                         |             |         |          |
| Elongation at max. tensile force (MD)      | EN 12311-2     | pass / no pass          | pass        | -       | -        |
| Elongation at max. tensile force (XD)      | EN 12311-2     | pass / no pass          | pass        | -       | -        |

(\*): on mineral wool

(+): No Performance Determined

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:

Claude Metzdorf

Managing and Works Director - DuPont Luxembourg

Luxembourg, 29/09/2014