



The miracles of science

PRODUCT DATA SHEET
DuPont de Nemours (Luxembourg) S.à.r.l.



PRODUCT: TYVEK®
STYLE: 2508B
TYPE OF APPLICATION: Underlay for discontinuous roofing & Underlay for walls
EFFECTIVE DATE: 01.06.2005
PRODUCT UNIT: Roll
European standard: EN 13859-1 & EN 13859-2

Table with 6 columns: PROPERTY, TEST METHOD, UNITS, RESULTS, TOLERANCE (Min., Max.). Rows include properties like Length, Width, Straightness, Mass per unit area, Reaction to fire, Water tightness, Water vapour transmission, etc.

(1) Modified for number of samples & conditioning.

(2) Measured according ASTM 398 & proven correlation with EN ISO 12572 (based on multilayer testing).

(3) Measured on top of roll.

(4) Modified according EN 13859/1 & EN 13859/2.

(5) rate of pressure increase: 60cm H2O/min



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PRODUCT:	TYVEK®	PRODUCT UNIT:	Roll
STYLE:	2508B	European standard: EN 13859-1 & EN 13859-2	
TYPE OF APPLICATION	Underlay for discontinuous roofing & Underlay for walls		
EFFECTIVE DATE:	01.06.2005		

INTERPRETATION

The product characteristics and properties given in this Product Data Sheet were determined by relevant test methods through statistical sampling of the product following its manufacture. Rolls are sampled uniformly across their width to calculate the roll average. Test method variance (analyses...) is included in the tolerance. Other sampling plans and test methods might give different values.

DEFINITIONS

STYLE:	Product designations.
PRODUCT UNIT:	The single quantity or unit of finished product to which results and tolerance apply.
RESULTS:	MLV: manufacturer's limiting value: value stated by the manufacturer to be met during testing. MDV: manufacturer's declared value: value declared by the manufacturer accompanied by a declared tolerance.
TOLERANCE:	As defined in EN 13859/1 & EN 13859/2
TYPE OF APPLICATION:	A generic term for the principal process for which a product is suited.
TEST METHOD :	A specific set of apparatus, materials and protocols to produce one test result.



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Product safety information:

This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentation. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. 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. 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.

TYVEK® 2508B melts at 135° C, therefore it is not fire resistant.

Authorization: CONVERSION QUALITY SUPERVISOR: N. LAGODA date: 06.06.2005
PROCESS & QUALITY SUPERINTENDENT: J.P. FABER date: 20.6.05
MANUFACTURING SUPERINTENDENT: P. SWINNEN date: 17/6/05
MARKETING: C. WEBER date: 15.06.2005



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PRODUCT: **TYVEK®** PRODUCT UNIT: **Roll**
 STYLE: **2506B** European standard: **EN 13859-1 & EN 13859-2**
 TYPE OF APPLICATION: **Underlay for discontinuous roofing & Underlay for walls**
 EFFECTIVE DATE: **01.06.2005**

PROPERTY	TEST METHOD	UNITS	RESULTS	TOLERANCE	
				Min.	Max.
Length (expressed in m)	EN 1848-2	%	Customer related	0	-
Width (expressed in mm)	EN 1848-2	%	Customer related	- 0.5	1.5
Straightness	EN 1848-2	mm	MLV	-	30
Mass per unit area	EN 1849-2	gr/m ²	148	136	157
Reaction to fire	EN11925-2	-	Class E	-	-
Water tightness	EN 1928 / method A	-	Class W1	-	-
Water vapour transmission (s _d)	EN ISO 12572 climate C	cm	2.0	0.9	4.0
Maximum tensile force (MD)	EN 12311-1	N/50mm	340	290	390
Elongation at maximum tensile force (MD)	EN 12311-1	%	13.0	10.0	16.0
Maximum tensile force (XD)	EN 12311-1	N/50mm	295	250	340
Elongation at maximum tensile force (XD)	EN 12311-1	%	20.0	16.0	25.0
Resistance to tearing (nail shank) (MD)	EN 12310-1	N	165	125	210
Resistance to tearing (nail shank) (XD)	EN 12310-1	N	170	130	210
Hydrostatic head	EN 20811 (1992)	cm H ₂ O	280	210	330
Resistance to penetration of air	EN12114	m ³ /(m ² hr 50Pa)	MLV	-	0.10
Dimensional stability (MD & XD)	EN 1107-2	%	MLV	-	1
Flexibility at low temperature	EN 1109	°C	MLV	-	- 40
Artificial ageing by long term exposure:	EN 1297 & EN 1296		Before	After	
• Maximum tensile force (MD)	• EN 12311-1	N/50mm	366	344	-
• Elongation at maximum tensile force (MD)	• EN 12311-1	%	14.0	12.0	-
• Maximum tensile force (XD)	• EN 12311-1	N/50mm	305	291	-
• Elongation at maximum tensile force (XD)	• EN 12311-1	%	20.0	18.0	-
• Water tightness	• EN1928 / methodA	-	Class W1		-

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