DuPont™ Tyvek® 1560B

Technical Datasheet

CE

Application: Flexible sheets for water proofing – Part 1: Underlays for discontinuous roofing
EN 13859-1

Application: Flexible sheets for water proofing – Part 2: Underlays for walls
EN 13859-2

Style name **1560B**
Type of carrier **HDPE**

Language **English**

02 PE-HD

PROPERTY	METHOD	UNITS	NOMINAL	MINIMUM	MAXIMUM
FUNCTIONALITY: WATER VAPOUR TRANSMISSION, WATER TIGHTNESS, WEATHER DURABILITY, FIRE CLASS					
Water vapour transmission (sd)	EN ISO 12572 (C)	m	0,015	0,005	0,03
Temperature resistance	-	°C	-	-40	+100
Flexibility at low temperature	EN 1109	°C	-	-	-40
UV exposure	-	months	-	-	4
Product- / Functional layer thickness		µm	175 / 175	-	-
Water tightness	EN 1928 (A)	class	W1	-	-
Water column	EN 20811	m	-	1,5	-
Reaction to fire	EN ISO 11925-2	class	E (*)	-	-
PHYSICAL AND MECHANICAL PROPERTIES					
Mass per unit area	EN 1849-2	g/m²	58	54	62
Maximum tensile force (MD)	EN 12311-1	N/50mm	165	125	205
Elongation at max. tensile force (MD)	EN 12311-1	%	10	6	14
Maximum tensile force (XD)	EN 12311-1	N/50mm	140	115	165
Elongation at max. tensile force (XD)	EN 12311-1	%	16	11	21
Resistance to tearing MD (nail shank)	EN 12310-1	N	65	45	85
Resistance to tearing XD (nail shank)	EN 12310-1	N	60	40	80
PROPERTIES AFTER AGEING					
Artificial ageing by UV and heat:	EN 1297 & EN 1296	residual value			
Water tightness	EN 1928 (A)	class	W1	-	-
Maximum tensile force (MD)	EN 12311-1	%	90	-	-
MD elongation at max. tensile force	EN 12311-1	%	85	-	-
Maximum tensile force (XD)	EN 12311-1	%	90	-	-
XD elongation at max. tensile force	EN 12311-1	%	75	-	-
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	-	-	30
Dimensional stability (MD & XD)	EN 1107-2	%	-	-	1
Resistance to penetration of air	EN 12114	m³/(m² h 50Pa)	-	-	0,25
Windtight	-	-	yes	-	-

(*): on mineral wool and wood

Effective date: 29/09/2014
First CE: 18/07/2006

DuPont de Nemours (Luxembourg) S.à r.l.
Rue General Patton, L-2984 Luxembourg

Tel +352 3666 5885
Fax +352 3666 5021
tyvek.info@lux.dupont.com
www.construction.tyvek.com

Some test methods are modified according to the EN 13859-1:2014 & EN 13859-2:2014 and/or according to the DuPont ISO 9001:2008 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.

the Original proven since 1990

DUPONT Tyvek.