DuPont™ Tyvek® 3060B

Technical Datasheet

CE

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

Style name **3060B**
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	0,01	0,003	0,025
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	63	59	67
Maximum tensile force (MD)	EN 12311-1	N/50mm	310	260	360
Elongation at max. tensile force (MD)	EN 12311-1	%	17	12	22
Maximum tensile force (XD)	EN 12311-1	N/50mm	310	260	360
Elongation at max. tensile force (XD)	EN 12311-1	%	20	14	26
Resistance to tearing MD (nail shank)	EN 12310-1	N	55	35	75
Resistance to tearing XD (nail shank)	EN 12310-1	N	50	30	70
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	%	85	-	-
MD elongation at max. tensile force	EN 12311-1	%	75	-	-
Maximum tensile force (XD)	EN 12311-1	%	85	-	-
XD elongation at max. tensile force	EN 12311-1	%	70	-	-
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)	-	-	2
Windtight	-	-	yes	-	-

(*): on mineral wool and wood

Effective date: 29/09/2014
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