

EUROTOP T 180

Characteristic	Test method	Unit	Value	Tolerance	
				Min.	Max.
Length	EN 1848-2	m	50	-0	+0,5
Width	EN 1848-2	m	1,50	-0,5%	+1,5%
Straightness	EN 1848-2	-	Pass	-	-
Mass per unit area	EN 1849-2	g/m ²	180	170	185
Reaction to fire	EN 11925-2	-	E-d2	-	-
Resistance to water penetration	EN 1928 Method A	-	W1	-	-
Water vapour transmission properties	EN ISO 12572 set C	m	0,021	-0,003	+0,003
Resistance to penetration of air	EN 12114	m ³ /(m ² x h x 50 Pa)	0,022	0,020	0,024
Tensile properties: maximum tensile force	EN 12311-1	N/50 mm	MD 420	-10%	+10%
			CD 250	-10%	+10%
Tensile properties: elongation	EN 12311-1	%	MD 50	-10%	+10%
			CD 60	-10%	+10%
Resistance to tearing (nail shank)	EN 12310-1	N	MD 200	-10%	+10%
			CD 200	-10%	+10%
Dimensional stability	EN 1107-2	%	1	-	-
Stability at low temperature	EN 1109	°C	-40	-	-
Artificial ageing by long term exposure to the combination of UV radiation and elevated temperature and heat	Elongation EN 13859-1 Annex C	%	MD 35	-10%	+10%
			CD 45	-10%	+10%
	Tensile strength EN 13859-1 Annex C	N/50 mm	MD 370	-10%	+10%
			CD 215	-10%	+10%
Resistance to water penetration EN 13859-1 Annex C	-	-	W1	-	-
Water vapour transmission properties (23°C/85%RH)	Lyssy	g/m ² x 24h	1200	- 10%	10%
Water vapour transmission properties (38°C/85%RH)	Lyssy	g/m ² x 24h	2900	- 10%	10%

Above parameters are relative to current production and may be changed and updated by mdm s.a.

Cieszyn, 06.07.2009
(place and date of edition)


Agata Strzdała
(name and signature of authorized person)