



# Geotextile fabrics - recycled polyester

Properties	test method	unit	values										
			120	150	200	300	400	500	600	700	800	1000	1200
Thickness	EN ISO 9863-1	mm	0.9	0.9	1.2	1.7	2.1	2.4	2.8	3.2	3.9	4.5	5
Strength resistance MD	EN ISO 10319	kN/m	0.6	1.5	1.8	2.8	3.5	5	6	7	8	12	16
Strength resistance CMD	EN ISO 10319	kN/m	0.7	2	2.3	3.5	4.3	5.5	7	8	9	14	20
Elongation at max load MD	EN ISO 10319	%	60	80	80	80	80	80	80	80	80	80	80
Elongation at max load CMD	EN ISO 10319	%	70	80	80	80	85	85	80	80	80	80	80
Static puncture test	EN ISO 12236	kN	0.1	0.1	0.2	0.6	0.7	1.1	1.3	1.6	1.9	2.2	3.8
Dynamic puncture test (cone drop test)	EN 918	mm	>50	>50	45	30	15	10	8	6	4	2	1
Velocity index VI	EN ISO 11058	mm/s	95	120	100	60	35	28	20	18	15	13	10
Opening size	EN ISO 12956	µm	65	120	100	80	60	50	40	38	35	32	25
Weathering resistance	EN ISO 12224	To be covered within 1 day from the day of installation											
Hydrolysis resistance	EN ISO 12447	Forecast minimum durability of 5 years for every application in natural grounds with 4<pH<9 and soil temperature <25°C											
Length (m)			120	120	100	80	65	50	40	50	40	30	25
Width (m)			6	6	6	6	6	6	6	6	6	4.5	4.5
Surface (m <sup>2</sup> )			720	720	600	480	390	300	240	300	240	135	112.5
Diameter (cm)			40	40	40	40	40	40	40	48	48	40	40
Roll weight (kg)			108	108	120	144	156	150	144	210	192	135	135