



Polypropylene geotextile fabrics - top quality
with new needle punch technique

Properties	test method	unit	values	
			105 gsm	110 gsm
Thickness - 2 kPa	EN ISO 9863-1	mm	0.75	0.7
Thickness - 20 kPa	EN ISO 9863-1	mm	0.6	0.6
Thickness - 200 kPa	EN ISO 9863-1	mm	0.4	0.45
Strength resistance MD	EN ISO 10319	kN/m	8	8
Strength resistance CMD	EN ISO 10319	kN/m	8	8
Elongation at max load MD	EN ISO 10319	%	50	50
Elongation at max load CMD	EN ISO 10319	%	60	50
Static puncture test	EN ISO 12236	kN	1.2	1.2
Dynamic puncture test (cone drop test)	EN 918	mm	34	37
Velocity index VI	EN ISO 11058	mm/s	110	76
Permeability coefficient normal to the plane	EN ISO 11058	lm ² /s	110	1.04
In-plane flow capacity (MD) at 20 kPa	EN ISO 12958	10 ⁻⁶ m ² /s	0.8	0.1
Opening size	EN ISO 12956	um	90	89
Weathering resistance	EN ISO 12224	To be covered within 15 days from the day of installation		
Oxydation resistance	EN ISO 13438	Forecast minimum durability of 25 years for every application in natural grounds with 4<pH<9 and soil temperature <25°C		
		The product passed oxydation test according to EN ISO 13438 - residual resistance is higher than 75%		