



GEODREN PECT 1000



1213-CPR-3276

Nonwoven geotextile made by polyester, needlepunched and calandered, produced without using of any glues or chemical binders and post-consumer raw material.

Physical properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Mass per unit area	[EN ISO 9864]		1000	g/m2	+/- 10	+/- 100
Thickness	[EN ISO 9863-1]	2 kPa	4,00	mm	+/- 20	+/- 0,80
Mechanical properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Tensile strength	[EN ISO 10319]	MD	10,0	kN/m	- 15	- 1,5
	[EN ISO 10319]	CMD	12,0	kN/m	- 15	- 1,8
Elongation at maximum load	[EN ISO 10319]	MD	70	%	+/- 30	+/- 21
	[EN ISO 10319]	CMD	70	%	+/- 30	+/- 21
Static puncture resistance (CBR)	[EN ISO 12236]		2,00	kN	- 30	- 0,60
Dynamic puncture resistance	[EN ISO 13433]		2	mm	+ 30	+ 1
Pyramidal puncture resistance	[EN 14574]		750	N	- 20	- 150
Hydraulic properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Velocity index	[EN ISO 11058]		10	mm/s	- 30	- 3
Characteristic opening size	[EN ISO 12956]		30	µm	+/- 30	+/- 9
Durability properties						
Weathering resistance	[EN 12224]	To be covered within 15 days from the day of installation.				
Service life	[-]	Forecast minimum durability of 5 years in natural ground with 4<pH<9 and soil temperature < 25°C.				

The values are guiding values obtained in our laboratories and in official testing institutes.

The confidence level is 95%

The right is reserved to make changes any time without notice.

MD = Machine Direction/Longitudinale; CMD = Cross Machine Direction/Trasversale; NA = Not Applicable/Non Applicabile

Ref.

Cod. 000021

Rev.4

Data Rev.: 06-03-2018

Approved by CQ

Approved by UT