

GEODREN PEIT 300



1213-CPD-3275

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]		300	g/m ²	+/- 10	+/- 30
Thickness	[EN ISO 9863-1] 2 kPa		1,60	mm	+/- 20	+/- 0,32
	[EN ISO 9863-1] 20 kPa		1,20	mm	+/- 20	+/- 0,24
	[EN ISO 9863-1] 200 kPa		0,70	mm	+/- 20	+/- 0,14
Mechanical properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Tensile strength	[EN ISO 10319] MD		2,5	kN/m	- 15	- 0,4
	[EN ISO 10319] CMD		2,7	kN/m	- 15	- 0,4
Elongation at maximum load	[EN ISO 10319] MD		50	%	+/- 30	+/- 15
	[EN ISO 10319] CMD		60	%	+/- 30	+/- 18
Static puncture resistance (CBR)	[EN ISO 12236]		0,50	kN	- 30	- 0,15
Dynamic puncture resistance	[EN ISO 13433]		40	mm	+ 20	+ 8
Pyramidal puncture resistance	[EN 14574]		100	N	- 20	- 20
Hydraulic properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Velocity index	[EN ISO 11058]		60	mm/s	- 30	- 18
Characteristic opening size	[EN ISO 12956]		55	µm	+/- 30	+/- 17

Durability properties

Weathering resistance	[EN 12224]	To be covered within 1 day 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 given are an average 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

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Prepared by CQ

Approved by UT