

GEODREN PEIT 300



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]		250	N	- 20	- 50
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 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.				

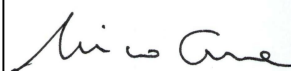
The values given are an average obtained in our laboratories and in official testing institutes.
The confidence level is 95%
The right is reserved to make changes any time without notice.

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

Ref.

Cod. 000006
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Approved by CQ



Approved by UT

