

GEODREN PEIT 309



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	1,00	mm	+/- 20	+/- 0,20
Mechanical properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Tensile strength	[EN ISO 10319]	MD	3,5	kN/m	- 15	- 0,5
	[EN ISO 10319]	CMD	3,7	kN/m	- 15	- 0,6
Elongation at maximum load	[EN ISO 10319]	MD	30	%	+/- 30	+/- 9
	[EN ISO 10319]	CMD	50	%	+/- 30	+/- 15
Static puncture resistance (CBR)	[EN ISO 12236]		0,50	kN	- 30	- 0,15
Dynamic puncture resistance	[EN ISO 13433]		35	mm	+ 20	+ 7
Pyramidal puncture resistance	[EN 14574]		100	N	- 20	- 20
Fire behavior						
Inflammability class	[DIN 4102-1]	B2				
Hydraulic properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Velocity index	[EN ISO 11058]		40	mm/s	- 30	- 12
Characteristic opening size	[EN ISO 12956]		55	µm	+/- 30	+/- 17
Durability properties						
Weathering resistance	[-]	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

Ref.
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Approved by CQ


Approved by UT
