

# GEODREN PEIT 150




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]		150	g/m <sup>2</sup>	+/- 10	+/- 15
Thickness	[EN ISO 9863-1]	2 kPa	0,90	mm	+/- 20	+/- 0,18
	[EN ISO 9863-1]	20 kPa	0,70	mm	+/- 20	+/- 0,14
	[EN ISO 9863-1]	200 kPa	0,40	mm	+/- 20	+/- 0,08
Mechanical properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Tensile strength	[EN ISO 10319]	MD	1,2	kN/m	- 15	- 0,2
	[EN ISO 10319]	CMD	1,2	kN/m	- 15	- 0,2
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]		0,20	kN	- 30	- 0,06
Dynamic puncture resistance	[EN ISO 13433]	>	50	mm		
Hydraulic properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Velocity index	[EN ISO 11058]		110	mm/s	- 30	- 33
Characteristic opening size	[EN ISO 12956]		65	µm	+/- 30	+/- 20
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. 000003 Rev.4 Data Rev.: 27-02-2018

Approved by CQ


Approved by UT
