

## GTX NWP/S 200 <sup>(1647)</sup>

Nonwoven geotextile consisting of a mixture of polyester and polypropylene fibers, needlepunched of 200gr/m<sup>2</sup>, white colour.

Physical properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Mass per unit area	[EN ISO 9864]		200	g/m <sup>2</sup>	+/- 10	+/- 20
Thickness	[EN ISO 9863-1]	2 kPa	1,40	mm	+/- 20	+/- 0,28
Mechanical properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Tensile strength	[EN ISO 10319]	MD	4,0	kN/m	- 15	- 0,6
	[EN ISO 10319]	CMD	5,0	kN/m	- 15	- 0,8
Elongation at maximum load	[EN ISO 10319]	MD	80	%	+/- 30	+/- 24
	[EN ISO 10319]	CMD	90	%	+/- 30	+/- 27
Static puncture resistance (CBR)	[EN ISO 12236]		1,00	kN	- 15	- 0,15
Dynamic puncture resistance	[EN ISO 13433]		22	mm	+ 25	+ 6
Hydraulic properties	Standard		Value	Units	Tolerance %	Tolerance (units)
Velocity index	[EN ISO 11058]		100	mm/s	- 30	- 30
Characteristic opening size	[EN ISO 12956]		80	µm	+/- 30	+/- 24
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 confidence level is 95%  
The right is reserved to make changes any time without notice.

MD = Machine Direction; CMD = Cross Machine Direction; NA = Not Applicable

\*Certificates belonging to the Environmental and Quality Integrated System of Atarfil.

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