

TECHNICAL DATA SHEET

Date: 2025 – 05 – 29 No. V190_STD-00

Internal code: **ATC/5100 STD 190**

Description: Polyester nonwoven geotextile, needle punched and thermocalandered one side.

Properties	Test method	Unit	Nominal value	Tolerance
Average tensile strength	EN ISO 10319	kN/m	MD = 5.8 CMD = 5.7	-13%
Average elongation at maximum load	EN ISO 10319	%	MD = 50 CMD = 90	± 25%
Static puncture resistance CBR	EN ISO 12236	N	990	-13%
Cone drop test	EN ISO 13433	mm	38	+20%
Waterflow normal to the plane	EN ISO 11058	l/m ² s	66	-30%
Characteristic opening size	EN ISO 12956	µm	79	± 30%
Thickness	EN ISO 9863/1	mm	1.0	± 20%
Mass per unit area	EN ISO 9864	g/m ²	190	-10%
Length of the roll		m	50	
Width of the roll		m	2	

Predicted to be durable for a minimum of 100 years in natural soils with 4<pH<9 and soil temperatures < 25 °C. To be covered within the day of installation.