



Würzburg Germany

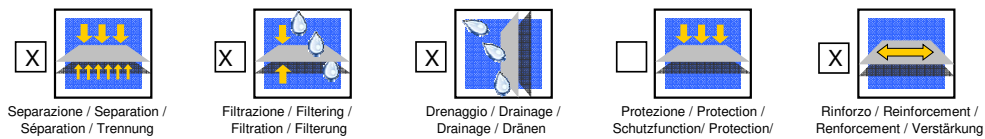
Via Paolo Paoletti 10, 51037 Montale (PT) Italy - EUROPE



ECOFELT PP-FC/AG 150

**NONWOVEN NEEDLED FABRIC
PRODUCED WITH PP (POLYPROPYLENE) HT FIBER, WITHOUT CHEMICAL TREATMENTS, UV RAYS STABILIZED**

Funzioni / Function / Anwendungen / Function



FEATURES	NORM	U.M	AVERAGE	TOLERANCE
AERIC MASS	UNI EN ISO 9864	g/m ²	150	+/- 10%
THICKNESS (2kPa)	UNI EN ISO 9863	mm.	0,96	-0,29
TENSILE STRENGTH RESISTANCE MD	EN ISO 10319	kN/m	12	-1,8
TENSILE STRENGTH RESISTANCE CMD	EN ISO 10319	kN/m	12	-1,8
ELONGATION MD	EN ISO 10319	%	>50	-
ELONGATION CMD	EN ISO 10319	%	>50	-
ENERGY ABSORPTION INDEX	EN ISO 10318	kJ/m ²	4,8	
STATIC PUNCHING	EN ISO 12236	kN	2	-0,4
DYNAMIC PUNCHING	UNI EN ISO 13433	mm.	19	5,7
OPENING SIZE	EN ISO 12956	um.	100	+/- 30%
WATER PERMEABILITY PERP. ON PLANE	EN ISO 11058	m/s	0,1	+/- 30%
DRAINING CAPACITY IN PLANE (20kPa)	EN ISO 12958	m ² /s	1,40E-06	+/- 30%
DURABILITY	EN ISO 12224	Be covered within one month. Predicting durability of minimum 50 years in natural soils with 4 <pH <9 and soil temperature <25 °.		

 EN 13249 Strade / Roads Strassen / Routes	 EN 13250 Ferrovie / Railways Schienenbau / Rail	 EN 13251 Fondazioni / Foundations Fundamenten / Fondations	 EN 13252 Drenaggio / Drainage System Draensystem / Drainage	 EN 13253 AntiErosione / Erosion Control Erosionsschutz / Erosion
 EN 13254 Bacini / Dams Staudaemme / Barrages	 EN 13255 Canali / Canals Kaenalenbau / Canaux	 EN 13256 Tunnel / Tunnels Tunnelbau / Tunnel	 EN 13257 Rifiuti Solidi / Solid Waste Deponiebau / Dechets Solid	 EN 13265 Rifiuti Liquidi / Liquid Waste Fluessige Deponieabfall / Dechets Liquides

The above mentioned values have been obtained in Ecofibre SRL laboratory and in accredited outer Laboratories.

The values are real and correct according to our knowledge. The values can be updated in any time without advise.

Roll lenght tolerance +/-2%, width tolerance +/-3cm

12/03/2024

Quality Control Manager
ECOFIBRE s.r.l.