



Würzburg Germany

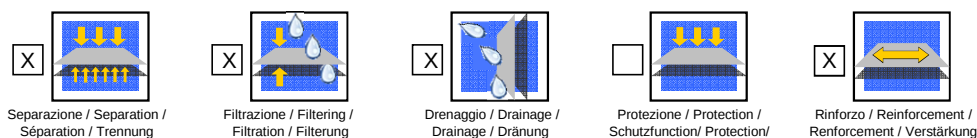
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ECOFELT PES-SB 200

NONWOVEN NEEDLED FABRIC
PRODUCED WITH PES (POLYESTER) FIBER, WITHOUT CHEMICAL TREATMENTS

Funzioni / Function / Anwendungen / Function



FEATURES	NORM	U.M	AVERAGE	TOLLERANCE
AERIC MASS	UNI EN ISO 9864	gr/mq	200	+/- 10%
THICKNESS (2kPa)	UNI EN ISO 9863	mm.	0,7	+/- 20%
LONGITUDINAL TRACT. RESISTANCE	EN ISO 10319	kN/m	2,7	+/- 10%
TRASNVERSAL TRACT. RESISTANCE	EN ISO 10319	kN/m	2,8	+/- 10%
LONGITUDINAL ELONGATION	EN ISO 10319	%	>50	-
TRANSVERSAL ELONGATION	EN ISO 10319	%	>50	-
ENERGY ABSORPTION INDEX	EN ISO 10318	kJ/m ²	1,1	+/- 20%
STATIC PUNCHING	EN ISO 12236	kN	0,45	+/- 10%
DYNAMIC PUNCHING	UNI EN ISO 13433	mm.	32	+/- 10%
OPENING SIZE	EN ISO 12956	um.	50	+/- 30%
WATER PERMEABILITY PERP. ON PLANE	EN ISO 11058	m/s	0,08	+/- 30%
DRAINING CAPACITY IN PLANE (20kPa)	EN ISO 12958	m ² /s	1,14E-06	+/- 30%
DURABILITY	UNI EN 12224	Predicting durability of minimum 5 years in natural soils with 4 <pH <9 and soil temperature <25 °. Be covered within 2 weeks from installation.		

 ☒ 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.

Quality Control Manager
ECOFIBRE s.r.l.