

■ DANOFELT PY 200



DANOFELT PY 200 is a non-woven bonded by needle punching geotextile of 200 (+10%;-20%) g/m², composed of polyester short fibre. It has the CE trademark.

It is used for waterproofing protection of roofs, underground constructions and for land separation and filtration.

■ Physical Properties

PHYSICAL PROPERTIES	VALUE	UNIT	STANDARD
Average mass	200 (+10%;-20%)	g/m ²	UNE EN ISO 9864
Thickness under 2kPa pressure	2.10, ±0.20	mm	UNE EN 964
Longitudinal tensile strength	2.0, -0.3	KN/m	UNE EN ISO 10319
Tranversal tensile strength	2.0, -0.3	KN/m	UNE EN ISO 10319
Longitudinal elongation at break	90, ±30	%	UNE EN ISO 10319
Transversal elongation at break	80, ±30	%	UNE EN ISO 10319
Puncture resistance (CBR)	0.4, -0.2	KN	UNE EN ISO 12236
Dynamic perforation test	27, +3	mm	UNE EN 918
Water permeability	0.03731, -0.005	m/s	UNE EN ISO 11058
Waterflow capacity in their plane	1.57 Exp-6, -0.1 Exp-7	m ² /s	UNE EN ISO 12958
Opening size	90, ±20	µm	UNE EN ISO 12956
Protection efficiency	12.0 Exp3, -0.3 Exp3	KN/m ²	UNE-EN 13719

■ Additional Technical Data

ADDITIONAL DATA	VALUE	UNIT	STANDARD
Thickness under 20 kPa pressure	1,3, ±0,20	mm	UNE EN 964
Thickness under 200 kPa pressure	0,8, ±0,20	mm	UNE EN 964

■ Presentation

PRESENTATION	VALUE	UNIT
Length	140	m
Width	2,2	m
Roll surface	308	m ²
Product Code	710034	-

■ Durability

According to the tests done to be awarded by the CE marking, Danofelt PY 200 has a minimum durability of 25 years, covered and applied in earthworks with a PH among 4 – 9 and temperature lower of 25 °C.

■ Warning

The information that appears in the following document makes reference to the uses and utilities of danosa's products and systems, and it is based on the knowledge that have been learnt until present, by Danosa. This is only possible if products have been stored and used in an appropriate way. Nevertheless, Danosa is not responsible for unsuitable uses of the products neither any other facts, such as meteorological facts. So Danosa is just responsible for the quality related to the provided products. Danosa reserves the right to carry out modifications without previous notice.

The values that appear in the technical sheet are the results of the tests that have been performed in our laboratory. September 2014.

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