



SINCE
1950

MOKRUTEX PES

Nonwoven needle punched geotextile



1021 - CPR – 100-1/17



STANDARD
100

PG035 217550
OETI



STANDARD
100

PG035 217573
OETI



- Characteristic:** Nonwoven textile mechanically bonded by needle punching
- Material content:** 100% Polyester
- Color:** Various
- Weight:** 200 - 1000 g/m²
- Maximum width:** 4 m
- Function:**

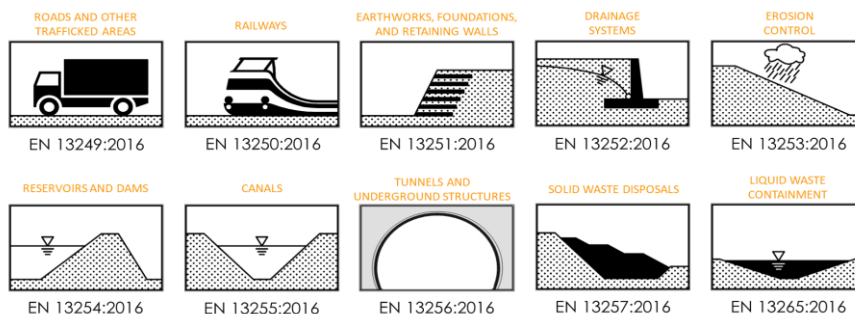


SEPARATION



FILTRATION

Use:



Material specification sheet

Date: 06.08.2025



SINCE
1950

TRADITIONAL QUALITY NONWOVENS

Material specification sheet

Date: 06.08. 2025

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MOKRUTEX PES				200	250	300	350	400	500	600	700	800	900	1000
PHYSICAL PROPERTIES														
Weight [±10 %] / EN ISO 9864	g/m ²		200	250	300	350	400	500	600	700	800	900	1000	
Thickness 2 kPa [±15 %] / EN ISO 9863-1	mm		2,7	3	3,3	3,5	3,8	4,3	4,6	5	5,6	6,2	6,9	
MECHANICAL PROPERTIES														
Tensile strenght / EN ISO 10319	MD	kN/m	4,5 -0,5	5,5 -0,5	7 -1	8 -1	11 -2	15 -2	17 -2	19 -2	23 -3	26 -3	28 -3	
	CMD		6,5 -0,5	8,5 -0,5	10 -1	13 -1	16 -2	20 -2	24 -2	28 -2	33 -3	36 -3	39 -3	
Elongation [±20 %] / EN ISO 10319	MD	%	90	90	90	95	95	100	90	90	95	95	95	
	CMD		90	90	90	90	90	100	90	90	95	95	90	
1021 - CPR – 100-1/17		kN	0,9 -0,1	1,1 -0,1	1,3 -0,1	1,5 -0,1	2 -0,2	2,4 -0,2	2,8 -0,2	3,2 -0,2	3,8 -0,2	4,4 -0,2	5,1 -0,2	
Dynamic perforation test (cone drop test) / EN ISO 13433		mm	21 +3	18 +2,0	15 +2	11 +2,0	7 +2,0	4 +2,0	2 +2,0	2 +2,0	0 +2	-1 +2	-2 +2	
HYDRAULIC PROPERTIES														
Characteristic opening size O ₉₀ / EN ISO 12956		μm	94 ±20	94 ±15	74 ±15	74 ±15	76 ±15	76 ±15	76 ±15	64 ±15	64 ±15	64 ±15	66 ±15	
Water permeability normal to the plane V _{I,H50} / EN ISO 11058		l/m ² ·s	68,9 -0,2	68,9 -20	50,6	50,6 -20	50,7 -20	50,7 -20	50,7 -20	17 -20	17 -20	17 -20	18,4 -20	
ENDURANCE														
Resistance to hydrolysis/ EN 12447		%	>81,3	>81,3	>81,3	>81,3	>81,3	>81,3	>81,3	>81,3	>81,3	>81,3	>81,3	
Resistance to weathering / EN ISO 12224	Cover on day after being placed													
Life expectancy	Min. 25 years in natural soils with 4<pH<9 with soil temperature < 25 °C.													
FUNCTION														
Separation		S	X	X	X	X	X	X	X	X	X	X	X	
Filtration		F	X	X	X	X	X	X	X	X	X	X	X	
Drainaige		D												
Reinforcement		R												
Protection		P												
CHARACTERISTICS														
Description	Nonwoven textile mechanically bonded by needle punching													
Material content	100 % polyester													
Color	Various													
DIMENSION, PACKAGING AND STORAGE														
Roll width		m	4	4	4	4	4	4	4	4	4	4	4	
Roll lenght		m	50	50	50	50	50	25	25	25	25	25	25	
Packaging	Rolls are packed in PE foil, and according to the requirements can be wind up on paper tubes													
Storage	In covered, clean and dry spaces													

The above technical parameters are average values and serve for general information. The manufacturer reserves the right to change it.