



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:** 150 - 1000 g/m²
- Maximum width:** 6,5 m
- Function:**

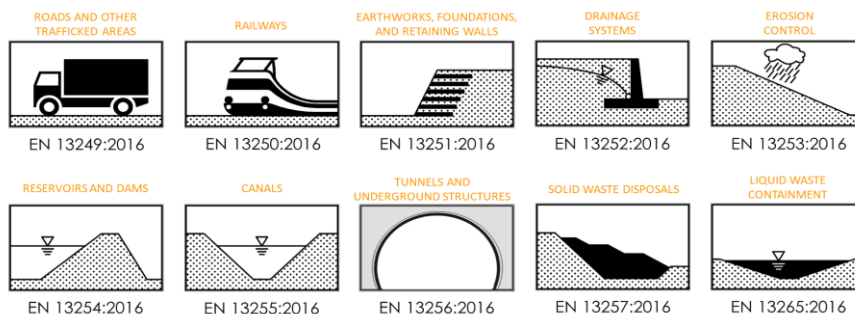


SEPARATION



FILTRATION

Use:



Material specification sheet

Date: 3. 4. 2023

Quality Management System ISO 9001, ISO 14001, ISO 45001 and ISO 50001



SINCE
1950

TRADITIONAL QUALITY NONWOVENS

Material specification sheet

Date: 3. 4. 2023

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MOKRUTEX PES			150	200	250	300	350	400	500	600	700	800	900	1000
PHYSICAL PROPERTIES														
Weight [±10 %] / EN ISO 9864	g/m ²		150	200	250	300	350	400	500	600	700	800	900	1000
Thickness 2 kPa [±15 %] / EN ISO 9863-1	mm		2,4	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	3,5 -0,5	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		5,5 -0,5	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	%	80	90	90	90	95	95	100	90	90	95	95	95
	CMD		80	90	90	90	90	90	100	90	90	95	95	90
1021 - CPR – 100-1/17		kN	0,7 -0,1	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	31 +4	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	81 ±15	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	48,2 -20	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
ODOLNOST														
Resistance to weathering / EN ISO 12224			Cover on day after being placed											
Life expectancy			Min. 5 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	X
Filtration		F	X	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	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5	6,5
Roll lenght		m	50	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.