



SINCE
1950

MOKRUTEX PP

Nonwoven needle punched geotextile



1021 - CPR – 100-1/17



STANDARD
100



PG035 217550
OETI



- Characteristic:** Nonwoven textile mechanically bonded by needle punching
- Material content:** 100% Polypropylene
- Color:** Various
- Weight:** 200 - 1000 g/m²
- Maximum width:** 6 m
- Function:**



SEPARATION



FILTRATION

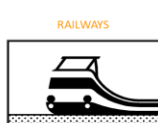


REINFORCEMENT

Use:



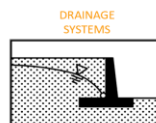
EN 13249:2016



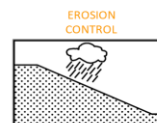
EN 13250:2016



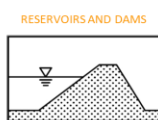
EN 13251:2016



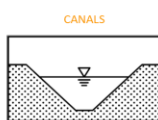
EN 13252:2016



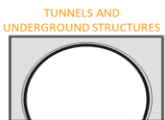
EN 13253:2016



EN 13254:2016



EN 13255:2016



EN 13256:2016



EN 13257:2016



EN 13265:2016

Material specification sheet

Date: 15. 09. 2025

MOKRUTEX PP

Nonwoven needle punched geotextile

MOKRUTEX PP		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	3,6	3,9	4,3	4,9	5,6	5,7	5,8	6,3
MECHANICAL PROPERTIES												
Tensile strenght / EN ISO 10319	MD	7,7 -0,5	9,5 -0,5	16 -1	17 -1	19 -1	21 -1	24 -2	26 -2	29 -2	32 -3	34 -3
	CMD	7,7 -0,5	9,5 -0,5	16 -1	17 -1	19 -1	21 -1	24 -2	26 -2	29 -2	32 -3	34 -3
Elongation [±20 %] / EN ISO 10319	MD	90	90	90	90	90	95	95	95	95	95	95
	CMD	90	90	90	90	90	90	90	90	90	90	90
Resistance to static puncture (CBR test) / EN ISO 12236	kN	1,5 -0,1	1,9 -0,1	2,3 -0,1	2,6 -0,2	3,0 -0,2	3,5 -0,2	3,8 -0,2	4,1 -0,2	4,4 -0,2	4,7 -0,2	5,0 -0,2
Dynamic perforation test (cone drop test) / EN ISO 13433	mm	10 +5	8 +4	6 +3	5 +3	5 +2	4 +2	3 +2	1 +2	1 +2	0 +2	0 +2
HYDRAULIC PROPERTIES												
Characteristic opening size O ₉₀ EN ISO 12956	/ μm	85 ±15	91 ±15	85 ±15	85 ±15	79 ±15	79 ±15	79 ±15	71 ±15	71 ±15	71 ±15	71 ±15
Water permeability normal to the plane V _{lH50} / EN ISO 11058	l/m ² ·s	83,3 -20	45,7 -20	67,1 -20	67,1 -20	36,1 -20	36,1 -20	36,1 -20	20,3 -20	20,3 -20	20,3 -20	20,3 -20
ENDURANCE												
Resistance to oxidation [±10 %] / EN ISO 13438	MD	92,7	92,7	92,7	92,7	92,7	92,7	92,7	92,7	92,7	92,7	92,7
	CMD	94,5	94,5	94,5	94,5	94,5	94,5	94,5	94,5	94,5	94,5	94,5
Resistance to weathering / EN ISO 12224		Cover on day after being placed										
Life expectancy		Min. 50 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
Dranaige	D											
Reinforcement	R	X	X	X	X	X	X	X	X	X	X	X
Protection	P											
CHARACTERISTICS												
Description		Nonwoven textile mechanically bonded by needle punching										
Material content		100 % polypropylen										
Color		Various										
DIMENSION, PACKAGING AND STORAGE												
Roll width	m	6	6	6	6	6	6	6	6	6	6	6
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.