



SINCE
1950

MOKRUTEX PES K

Calendered nonwoven geotextile



STANDARD
100



PG035 217573
OETI



STANDARD
100



PG035 217550
OETI



- Characteristic:** Nonwoven textile mechanically bonded by needle punching and thermally by calender
- Material content:** Recycled polyester
- Color:** Multicolor and monochromatic
- Weight:** 200 - 600 g/m²
- Maximum width:** 4 m
- Function:**



SEPARATION

Use: ROADS AND OTHER
TRAFFICKED AREAS



EN 13249:2016



FILTRATION

RAILWAYS



EN 13250:2016



PROTECTION

EARTHWORKS, FOUNDATIONS,
AND RETAINING WALLS

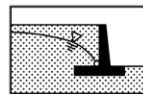


EN 13251:2016



DRAINAGE

DRAINAGE
SYSTEMS



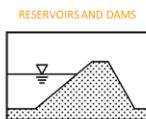
EN 13252:2016



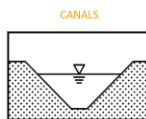
EROSION
CONTROL



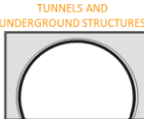
EN 13253:2016



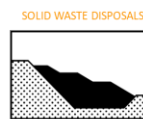
EN 13254:2016



EN 13255:2016



EN 13256:2016



EN 13257:2016



EN 13265:2016

Material specification sheet

Date: 08.10. 2025

MOKRUTEX PES K

Calendered nonwoven geotextile

MOKRUTEX PES K			200	250	300	400	500	600
PHYSICAL PROPERTIES								
Weight [±10 %] / EN ISO 9864	g/m²		200	250	300	400	500	600
Thickness 2 kPa [±15 %] / EN ISO 9863-1	mm		1,6	1,7	1,8	2,2	2,6	2,7
MECHANICAL PROPERTIES								
Tensile strenght / EN ISO 10319	MD	kN/m	3,5-0,5	5-0,5	6,5-1	8-1	10-2	14-2
	CMD		3,5-0,5	5-0,5	6,5-1	8-1	10-2	14-2
Elongation [±20 %] / EN ISO 10319	MD	%	60	70	60	70	65	70
	CMD		80	80	80	70	70	70
Resistance to static puncture - CBR test / EN ISO 12236	kN		0,7-0,1	0,8-0,1	1-0,1	1,5-0,1	2-0,2	2,5-0,2
Dynamic perforation test (cone drop test) / EN ISO 13433	mm		30+3	28+3	24+1,5	18,5+1,5	15+1	13+1
Pyramid puncture resistance [-20] / EN ISO 14574	N		169±13,5	199±16,2	230±18,3	301±16,8	355±27,9	455±23,8
HYDRAULIC PROPERTIES								
Characteristic opening size 090 / EN ISO 12956 [±15]	µm		84±16,8	75±15	70±14	67±13,4	65±13	62±12,4
Water permeability normal to the plane VIH50 / EN ISO 11058	l/m².s		64-9,6	69,3-10,4	34,9-5,2	35,1-5,3	20,2-3	21,7-3,3
Water permeability in the plane (longitudinal direction) gradient 0,1 [±15 %] / EN ISO 12958	20 kPa	l/m.s	2,66*10-4 -3,99*10-5	2,71*10-4 -4,07*10-5	3,2*10-4 -4,8*10-5	3,6*10-4 -5,4*10-5	3,51*10-4 -5,27*10-5	4,2*10-4 -6,3*10-5
	100 kPa		5,85*10-5 -8,78*10-6	9,21*10-5 -1,38*10-5	9,8*10-5 -1,47*10-5	1,28*10-4 -1,92*10-5	1,29*10-4 -1,94*10-5	1,92*10-4 -2,88*10-5
	200 kPa		2,69*10-5 -4,04*10-6	5,88*10-5 -8,82*10-6	5*10-5 -7,5*10-6	7*10-5 -1,05*10-6	6,60*10-5 -9,9*10-6	1,4*10-4 -2,1*10-5
	20 kPa		2,76*10-3 -4,14*10-4	2,58*10-3 -3,87*10-4	2,8*10-3 -4,2*10-4	3,1*10-3 -4,65*10-4	3,62*10-3 -5,43*10-4	3,99*10-3 -5,99*10-4
	100 kPa		6,04*10-4 -9,06*10-5	8,84*10-4 -1,33*10-4	9,2*10-4 -1,38*10-4	1,22*10-3 -1,83*10-4	1,28*10-3 -1,92*10-4	2,03*10-3 -3,05*10-4
	200 kPa		3,05*10-4 -4,58*10-5	5,65*10-4 -8,48*10-5	5*10-4 -7,5*10-5	7*10-4 -1,05*10-4	6,85*10-4 -1,03*10-4	1,05*10-3 -2,25*10-4
ENDURANCE								
Resistance to hydrolysis / EN 12447	min. 50		>75	>75	>75	>75	>75	>75
Protection efficiency [±10 %] / EN 13719	300 kPa	%	2,06±0,41	1,87'±0,47	1,84'±0,46	1,70±0,43	1,47'±0,37	1,53'±0,38
Resistance to weathering 12224	/ EN ISO		Must be covered within 1 month 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
Filtration	F		X	X	X	X	X	X
Dranaige	D		X	X	X	X	X	X
Reinforcement	R							
Protection	P		X	X	X	X	X	X
CHARACTERISTICS								
Description	Nonwoven textile mechanically bonded by needle punching and thermally by calender							
Material content	Recycled polyester							
Color	Multicolor and monochromatic							
DIMENSION, PACKAGING AND STORAGE								
Roll width	m		4	4	4	4	4	4
Roll lenght	m		50	50	50	50	25	25
Packaging	Rolls are wound on a paper tube, wrapped in PE foil and palletized.							
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.