

Geotechnics

MebraTex PP NP NW

MebraTex PP NP NW is an needlepunched nonwoven geotextile, represent a highly specialized combination of high tensile strength value at high elongation rate. The MebraTex PP NP NW is made from polypropylene needlepunched to form a strong and stable nonwoven geotextile. MebraTex PP NP NW represent a reliable solution for a broad array of engineering structures and installations, wherein they fulfill separation and filtration functions.

Descriptive properties	Test Method	Unit	100	200	300	400	500
Area Weight	EN ISO 9864	g/m ²	100	200	300	400	400
Thickness under 2kN/m ²	EN ISO 9863-1	mm	1,35	2,20	3,30	3,70	3,80
Polymer				Polypropylene (PP)			
Mechanical properties							
Tensile Strength - MD	EN ISO 10319	kN/m	6,0	14,0	22,0	32,0	36,0
Tensile Strength - CMD	EN ISO 10319	kN/m	8,0	16,0	22,0	35,0	36,0
Elongation - MD	EN ISO 10319	%	70	80	70	75	70
Elongation - CMD	EN ISO 10320	%	85	90	80	75	70
Puncture CBR	EN ISO 12236	kN	1,2	2,2	3,5	5,5	5,5
Dyn. Cone Puncture	EN ISO 13433	mm	37	19	8	6	5
Hydraulic properties							
Opening Size O90 Wet	EN ISO 12956	µm	130	80	65	67	66
Permeability (VH50)	EN ISO 11058	10 ⁻³ m/s	100	80	34	34	20
Roll Dimensions							
Width		m	6,50 (other widths available)				
Length		m	200	100	110	90	70
Area		m ²	1300	650	715	585	455
Diameter		cm	50	50	60	60	60
Weight of roll		kg	130	130	215	234	228

There are more types available, please contact us for more information.

All information, illustrations and specifications are based on the latest product information available at the time of editing. The values given are indicative and correspond to average results obtained in laboratories and outside institutes. The right is reserved to make changes at any time without notice. All mechanical and physical properties are initial average values, standard variations in strength and physical properties of 10% have to be allowed for. No guarantee or liability can be drawn from the information mentioned herein.

