

Geotechnics

MebraTex PP TB NW

MebraTex PP TB NW is an thermally bonded nonwoven geotextile, represent a highly specialized combination of high tensile strength value at high elongation rate. The MebraTex PPTB NW is made from polypropylene needlepunched, thermal bonded to form a stronger and stable nonwoven geotextile. MebraTex PP TB 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	90	120	180	200	300
Area Weight	EN ISO 9864	g/m ²	100	120	180	200	300
Thickness under 2kN/m ²	EN ISO 9863-1	mm	0,60	0,58	0,70	0,90	1,25
Polymer					Polypropylene (PP)		
Mechanical properties							
Tensile Strength - MD	EN ISO 10319	kN/m	6,0	8,5	12,5	17,0	24,0
Tensile Strength - CMD	EN ISO 10319	kN/m	6,0	10,0	12,5	18,0	24,0
Elongation - MD	EN ISO 10319	%	40	50	50	60	65
Elongation - CMD	EN ISO 10320	%	55	60	65	70	75
Puncture CBR	EN ISO 12236	kN	1,1	1,4	0,7	2,5	3,7
Dyn. Cone Puncture	EN ISO 13433	mm	30	32	24	20	15
Hydraulic properties							
Opening Size O90 Wet	EN ISO 12956	µm	90	80	63	60	50
Permeability (VH50)	EN ISO 11058	10 ⁻³ m/s	100	77	50	42	34
Rol Dimensions							
Width		m	6,50 (other widths available)				
Length		m	100	150	100	100	100
Area		m ²	650	975	650	650	650
Diameter		cm	25	37	33	34	40
Weight of roll		kg	66	124	124	137	202

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.

