

Mirafi® PP Woven Polypropylene Geotextiles

Properties of Mirafi® PP Woven Polypropylene Geotextiles

Property	Test Standard	Unit	PPW 100	PPW 150	PPW 200	PPW 250	PPW 300	PPW 325	PPW 350	
Mechanical Properties										
Wide width tensile strength	MD/CD	ASTM D4595	kN/m	15	25	35	40	50	55	60
Wide width elongation	MD/CD	ASTM D4595	%	20	20	20	20	20	20	20
Grab breaking load	MD/CD	ASTM D4632	N	250	675	950	1100	1350	1500	1600
Trapezoid tearing strength	MD/CD	ASTM D4533	N	200	340	480	550	680	750	800
CBR puncture		ASTM D6241	N	2000	3200	4500	5000	6000	6500	7000
Hydraulic Properties										
Water permeability (50mm head)		ASTM D4491	l/m ² /s	10	10	8	7	6	6	5
Pemittivity		ASTM D4491	S ⁻¹	0.20	0.20	0.15	0.14	0.12	0.12	0.10
Opening size O ₉₅		ASTM D4751	mm	0.30	0.30	0.30	0.25	0.30	0.30	0.30
Standard width			m	3.80	3.80	3.80	3.80	3.80	3.80	3.80
Standard length			m	260	260	260	260	260	260	260

TenCate Mirafi® is a registered trademark of TenCate.

The values given are indicative and correspond to average values obtained in accredited testing laboratories and institutes.

Further details of this application and products can be obtained by contacting your nearest TenCate Technical Support office.

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