

# Asia Pacific Geotextile Material Co., Ltd.

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## PET Filament Geotextile Technical Index

Item	Index										
Gram Weight (g/m <sup>2</sup> )	100	150	200	250	300	350	400	450	500	550	800
Unit Weight Variation (%)	-6	-6	-6	-5	-5	-5	-5	-5	-4	-4	-4
Thickness (mm) ≥	0.8	1.2	1.6	1.9	2.2	2.5	2.8	3.1	3.4	3.8	5.5
Width Deviation (%)	-0.5										
Breaking Strength (KN/m) ≥	4.5	7.5	10.5	12.5	15.0	17.5	20.5	22.5	25.0	27.0	40.0
Elongation at break (%)	40-80										
CBR Bursting Strength (KN) ≥	0.8	1.4	1.8	2.2	2.6	3.0	3.5	4.0	4.7	5.0	7.0
Sieve Size (mm)	0.07-0.2										
Vertical Permeability Coefficient (cm/s)	(1.0-9.9)*(10 <sup>-1</sup> -10 <sup>-3</sup> )										
Tear Strength (KN) ≥	0.14	0.21	0.28	0.36	0.42	0.49	0.56	0.63	0.70	0.75	1.10

