

Technical Data Sheet
Non Woven Geotextile
Continuous Filament Non Woven Needle Punched Geotextile

PROPERTY	VALUE											
Nominal breaking strength (kN/m)	100	150	200	250	300	350	400	450	500	600	800	
Thickness* (mm)	0.8	1.2	1.6	1.9	2.2	2.5	2.8	3.1	3.4	4.2	5.5	
Mass per unit area deviation	-6	-6	-6	-5	-5	-5	-5	-5	-4	-4	-4	
Width deviation (%)	-0.5											
Breaking strength* (kN/m)	4.5	7.5	10.0	12.5	15.0	17.5	20.5	22.5	25.0	30.0	40.0	
Elongation at break (%)	40 ~ 80											
CBR bursting strength* (%)	0.8	1.4	1.8	2.2	2.6	3.0	3.5	4.0	4.7	5.5	7.0	
Equivalent Opening size O ₉₀ (O ₉₅)	0.07 ~ 0.20											
Vertical seepage coefficient (cm/s)	K×(10 ⁻¹ ~10 ⁻³), K=1.0 ~ 9.9											
Tear strength* (kN)	0.14	0.21	0.28	0.35	0.42	0.49	0.56	0.63	0.70	0.82	1.10	

Note:

* Minimum average value.