

Non Woven Geotextile

PET Synthetic Staple Fibers Non Woven Needle Punched Geotextile

PROPERTY	VALUE								
Nominal breaking strength (kN/m)	3	5	8	10	15	20	25	30	40
Breaking strength* (kN/m)	3.0	5.0	8.0	10.0	15.0	20.0	25.0	30.0	40.0
Elongation at break (%)	20 ~ 100								
CBR bursting strength* (kN)	0.6	1.0	1.4	1.8	2.5	3.2	4.0	5.5	7.0
Mass per unit area deviation	±5								
Width deviation	-0.5								
Thickness deviation	±10								
Equivalent Opening size O_{90} (O_{95})	0.07 ~ 0.20								
Vertical seepage coefficient (cm/s)	$K \times (10^{-1} \sim 10^{-3})$, $K=1.0 \sim 9.9$								
Tear strength* (kN)	0.10	0.15	0.20	0.25	0.40	0.50	0.65	0.80	1.00
Acid alkali resistant* (%)	80								
Anti-oxidant performance* (%)	80								
UV resistance* (%)	80								

Note:

* Minimum average value.