

Technical Data Sheet
PET Woven Geotextile

Description		Value	
		For groundwater, surface seepage	For leachate treatment
Breaking strength (kN/m)	Longitudinal direction	≥45	
	Transverse direction	≥30	
Elongation at break (%)	Longitudinal direction	≤25	
	Transverse direction	≤15	
Tear strength (kN)	Longitudinal direction	≥0.6	
	Transverse direction	≥0.4	
Puncture strength (kN)		≥0.4	
Bursting strength (kN)		≥3.0	
Equivalent Opening size O_{90} (mm)		0.10 ~ 0.30	0.30 ~ 0.80
Vertical seepage coefficient (cm/s)		$K \times (10^{-1} \sim 10^{-3})$, $K=1.0 \sim 9.9$	
Opening rate (%)		4 ~ 8	8 ~ 12
Mass per unit area (g/m ²)		≥200	
UV resistance (%)	Breaking strength	≥70	≥85
	Elongation at break	≥70	≥85
Acid & Alkali Resistant (%)	Breaking strength	≥70	≥85
	Elongation at break	≥70	≥85