

Polyester Filament Nonwoven Geotextile Core Performance Indicator Table

NO.	Item	Unit	4.5kN/m	7.5kN/m	10.5kN/m	12.5kN/m	15kN/m	20kN/m	25kN/m	30kN/m	40kN/m
1	MD & CD Tensile Break Strength	kN/m	≥4.5	≥7.5	≥10.5	≥12.5	≥15.0	≥20.0	≥25.0	≥30.0	≥40.0
2	Elongation at Break	%	40 ~ 80								
3	MD & CD Trapezoidal Tear Strenath	kN	≥0.14	≥0.34	≥0.47	≥0.55	≥0.63	≥0.70	≥0.82	≥1.10	≥1.40
4	CBR Burst Strength	kN	≥0.8	≥1.4	≥1.8	≥2.2	≥2.6	≥3.4	≥4.2	≥5.0	≥6.4
5	MD & CD Grab Tensile Strength	kN	≥0.3	≥0.6	≥0.8	≥1.0	≥1.2	≥1.6	≥2.0	≥2.3	≥2.8
6	Thickness	mm	≥0.8	≥1.2	≥1.6	≥1.9	≥2.2	≥2.8	≥3.4	≥4.0	≥4.8
7	Equivalent Opening Size O ₉₅	mm	0.07 ~ 0.20								
8	Vertical Permeability Coefficient	cm/s	1.0×10 ⁻¹ ~ 1.0×10 ⁻³								
9	UV Strength Retention Rate	%	≥85								
10	Minimum Mass per Unit Area	g/m ²	≥100	≥150	≥200	≥250	≥300	≥400	≥500	≥600	≥800
11	Mass Tolerance	%	±5			±4			±3		
12	Width Tolerance	%	±0.5								