TME GROUP

TME Grup Makina İnşaat San. Tic. Ltd. Şti.

ISO 9001:2015 ISO 14001:2015

CONFORMITY OF PRODUCT

TME GeoTech PP Non-Woven Geotextile

Purpose of Usage

Filtration, Separation, Protection, Drainage, Soil.

Stabilization

Application Locations

Road and Highway Construction, Railway Construction, Landfill Engineering, Drainage Systems, Coastal Protection Projects, Landscaping and Green Roof Systems, Foundation Engineering, Retaining Structures and Embankments.

Name	Unit	TME-PPN20	TME-PPN30	TME-PPN40	TME-PPN50	TME-PPN60	TME-PPN80	TME-PPN100
Break Strength at MD	kN/m	20	30	40	50	60	80	100
Break Strength at CD	kN/m	15	22	28	35	42	56	70
Break Elongation	%≤	0,25						
Trapezoid Tear Strength	kN≥	0.2	0.27	0.34	0.41	0.48	0.6	0.72
CBR Burst Strength	kN≥	46174	46114	46.056	4	46.238	6	46.149
Vertical Permeability Coefficient	cm/s	10-1~10-3						
Sieve Size(O85)	mm	0.08~0.5						
Unit Weight	g/m2	120	160	200	240	280	340	400
Variation	%	±6%						

PP Non-Woven Geotextiles are manufactured from high-quality polypropylene fibers through a needle-punching process to create a durable and permeable geosynthetic material. These geotextiles are designed to provide excellent filtration, separation, drainage, and protection performance in various civil engineering and infrastructure applications.

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