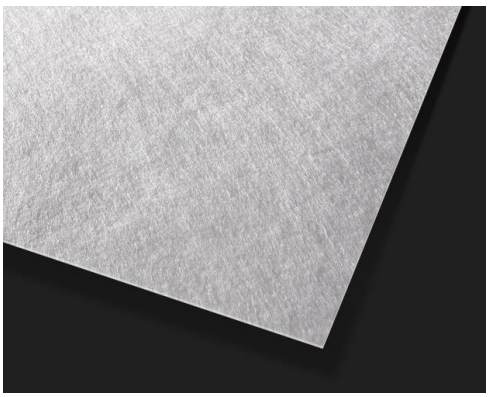
TME GROUP

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

ISO 9001:2015 ISO 14001:2015

CONFORMITY OF PRODUCT

TME GeoTech Thermally Bonded Geotextile



Purpose of Usage

Filtration, Separation, Protection, Drainage Support, Stabilization.

Application Locations

Road and Highway Construction, Railway Infrastructure, Landfills and Waste Containment Systems, Drainage Systems, Coastal and Hydraulic Structures, Roof Gardens and Landscaping Projects, Foundation and Subgrade Stabilization, Tunnel and Underground Structures.

NAME	TEST METHOD	UNITS	±%	TME-BG80	TME-BG100	TME-BG125	TME-BG140	TME-BG200	TME-BG250	TME-BG300	TME-BG350	TME-BG400	TME-BG450	TME-BG500	TME-BG600	TME-BG700	TME-BG800	TME-BG1000	TME-BG1200
Weight	EN ISO 9864	g/m²	± 10 %	80	100	125	140	200	250	300	350	400	450	500	600	700	800	1000	1200
Tensile strength - MD	EN ISO 10319	KN/M	± 10 %	5.0	7.0	9.0	10.0	14.0	18.0	21.0	25.0	28.0	32.0	35.0	42.0	48.0	56.0	70.0	84.0
Tensile strength - CD	EN ISO 10319	KN/M	± 10 %	6.0	8.0	11.0	12.0	17.0	21.0	24.0	28.0	30.0	36.0	40.0	46.0	56.0	60.0	76.0	90.0
Tensile elongation (MD/CD)	EN ISO 10319	%	± 25 %	50/60	50/60	50/60	50/60	60/65	60/65	60/65	60/65	60/65	60/65	60/65	60/65	60/65	65/65	65/65	65/70
CBR puncture resistance	EN ISO 12236	KN	± 15 %	0.850	1.200	1.500	1.600	2.400	2.900	3.300	3.800	4.300	4.800	5.300	5.800	6.300	6.800	8.800	10.800
Grab elongation-(MD/CD)	ASTM D 4632	%	± 25 %	50/60	50/60	50/60	60/65	60/65	60/65	60/65	60/65	60/65	60/65	60/65	60/65	60/65	65/65	65/65	65/70
Tear strength	ASTM D 4533	N	± 15 %	110	140	180	210	300	360	380	450	500	550	600	700	800	900	1100	1200
Cone drop test	EN ISO 13433	mm	± 15 %	40	35	30	26	18	14	12	11	10	8	6	4	2	2	0	0
Permeability	EN ISO 11058	Lt/m²/sec	±30 %	100	85	75	65	45	40	35	30	25	20	18	16	14	12	6	4

Thermally Bonded Non-Woven Geotextiles are engineered synthetic fabrics produced by thermally bonding polypropylene or polyester fibers. These geotextiles provide excellent filtration, separation, and protection performance while maintaining high tensile strength and durability.

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