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

TME Grup Makina İnşaat Sanayi Tic. Ltd. Şti.
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GEOTEXTILE NON WOVEN POLYPROPLENE

Product Information

TME Non-woven geotextile is a high-quality, UV stabilized made of mechanically bonded (also known as needle punched) polypropylene membrane. The combination of tensile strength and elasticity in these mechanically bonded polymers allows the material to bend and absorb stress and strain while preventing puncture, making them extremely resilient to installation damage. This geotextile membrane is utilized in several construction and civil engineering applications. This geotextile membrane is designed to carry out separation and filtration functions. Which is used in a variety of civil engineering and construction applications.

Use & Application

Drainage applications
Filtration
Separation

Benefits

- 100% Polypropylene
- UV resistance
- Permeable- allows water to filter through
- Provides filtration and separation features
- For tasks requiring soil permeability and isolation
- Due to the heat treatment, the geotextile felt with the same weight shows more strength and less extension
- It requires less storage area, easy to transport and lay.
- It is resistant against acid, alkali and microorganisms.

TME GROUP

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PROPERTIES	STANDARD		100	150	200	250	300	350	400	450	500
WEIGHT	TS EN ISO 9864	g/m2	100	150	200	250	300	350	400	450	500
TENSILE STRENGTH (MD)	TS EN ISO 10319	kN/m	7	12	17	21	25	27	28	30	36
TENSILE STRENGTH (CD)			7	12	17	21	25	27	28	26	36
ELONGATION AT BREAK (MD)	TS EN ISO 10319	%	40	40	50	50	50	50	50	60	60
ELONGATION AT BREAK (CD)	TS EN ISO 10319	%	50	50	60	60	60	60	60	60	60
STATIC PUNCTURE (CBR)	TS EN ISO 12236	N	1100	1800	2700	3300	3800	4200	4700	5200	5800
DYNAMIC CONE DROP	TS EN ISO 13433	mm	35	27	25	21	16	13	9	4	3
PERMEABILITY (Water Flow at 50 mm WH)	TS EN ISO 11058	m/sn	0,1	0,06	0,05	0,04	0,03	0,044	0,036	0,03	0,026
PORE SIZE ,090 %	TS EN ISO 12956	micron	88	83	78	75	70	65	61	55	50
WIDTH		m		1-6	1-6	1-6	1-6	1-6	1-6	1-6	1-6
Tolerance +_%5											