

NEEDLEPUNCHED & THERMOCALENDERED NONWOVEN GEOTEXTILES

MacTex [®] H		500	1000	1300	1500	2000	2800	3000	3500	4000	4500	5000
Mechanical Properties												
Tensile strength — CMD according to EN ISO 10319	kN/m	5	8	12	13.5	16.5	20	21	24	26	27	31
Strain — CMD according to EN ISO 10319	%	55	55	55	55	55	55	55	55	55	55	55
Tensile strength — MD according to EN ISO 10319	kN/m	7	9	12	13.5	16.5	20	21	24	26	27	31
Strain — MD according to EN ISO 10319	%	60	60	60	60	60	60	60	60	60	60	60
CBR Static puncture resistance according to EN ISO 12236	N	1100	1500	1900	2200	2750	3250	3400	3900	4400	4850	5600
Dynamic puncture resistance according to EN ISO 13433	mm	35	35	30	25	19	15	13	12	11	11	10
Permeability (normal to the plane) according to EN ISO 11058	l/(m ² sec)	115	110	90	80	70	60	55	50	40	40	40
Opening Pore size O ₉₀ according to EN ISO 12956	µm	120	95	80	80	70	65	65	65	65	65	65
Physical Properties												
Polymer raw material		100 % Polypropylene										
Mass per unit (EN ISO 9864)	g/m ²	90	110	150	170	210	250	270	300	330	350	400
Durability		100 years										



NOTE:

- Intermediate grades are available on request.
- Loading plan by truck and container are available on request.
- This data is statistic figures according to Harmonized European Standards.

Nonwoven geotextiles manufactured with virgin high tenacity polypropylene fibers assembled by a needlepunched treatment and thermocalendered. The fabrics are CE marked according to EN 13249, 13250, 13251, 13252, 13253, 13254, 13255, 13256, 13257, 13265 for the following intended uses: F, D, R, F+D, F+S+D, F+R+S, F+S, R+S, F+R.

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