

MacTex [®] H		700	1000	1500	2000	3000	4000
Mechanical Properties							
Tensile strength — CMD according to EN ISO 10319	kN/m	6	8	13	18	21	26
Strain — CMD according to EN ISO 10319	%	40	45	45	45	50	50
Tensile strength — MD according to EN ISO 10319	kN/m	6	8	13	18	21	26
Strain — MD according to EN ISO 10319	%	40	55	50	50	50	50
CBR Static puncture resistance according to EN ISO 12236	N	900	1500	2200	2900	3450	4300
Dynamic puncture resistance according to EN ISO 13433	mm	40	32	21	17	14	11
Permeability (normal to the plane) according to EN ISO 11058	l/(m ² sec)	120	110	105	60	59	47
Opening Pore size O ₉₀ according to EN ISO 12956	µm	140	120	100	75	65	65
Physical Properties							
Polymer raw material		100 % Polypropylene					
Mass per unit (EN ISO 9864)	g/m ²	80	105	160	215	265	330
Thickness (EN ISO 9863-1)	mm (2 kPa)	0.85	1.1	1.45	1.3	1.55	1.8
	mm (20 kPa)	n/a					
	mm (200 kPa)	n/a					
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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