



STRATUM

STANDARD PRODUCTION



VIGANO' PAVITEX S.P.A.

COMPREHENSIVE TABLE: Rev 124

DESCRIPTION: Nonwoven geotextile needle punched (GTX-N)

COMPOSITION: Multicolor polypropylene

PHYSICAL PROPERTIES

		500	600	700	800	1000	1200	1500	2000	
Mass per unit area	g/m ²	500	600	700	800	1000	1200	1500	2000	EN ISO 9864
Thickness under 2 kPa	mm	3,00	3,60	4,20	5,00	6,50	7,80	9,00	10,00	EN ISO 9863

MECHANICAL PROPERTIES

		500	600	700	800	1000	1200	1500	2000	
Tensile strength MD	kN/m	12,0	14,0	16,0	19,0	24,0	29,0	35,0	45,0	EN ISO 10319
Tensile strength CMD	kN/m	12,0	14,0	16,0	19,0	24,0	29,0	35,0	45,0	EN ISO 10319
Elongation at maximum load MD	%	70	70	70	70	70	70	70	70	EN ISO 10319
Elongation at maximum load CMD	%	70	70	70	70	70	70	70	70	EN ISO 10319
Static puncture resistance CBR	kN	2,1	2,5	2,9	3,3	4,4	5,3	6,5	8,5	EN ISO 12236
Cone drop test perforation	mm	25	20	16	12	7	6	5	2	EN ISO 13433
Protection efficiency	N	550	650	780	900	1100	1300	2000	2500	EN 14574

HYDRAULIC PROPERTIES

		500	600	700	800	1000	1200	1500	2000	
Characteristic opening size O ₉₀	μm	70	70	70	70	70	70	70	70	EN ISO 12956
Water permeability normal to the plane V _{iH} 50	l/s*m ²	24	11	13	15	10	5	4	3	EN ISO 11058

NOTES

The indicated data are nominal values, based on the statistic outcome of laboratory tests.

Vigano Pavitex has the right to update the data in any moment and without prior notice. Rolls dimension tolerance ± 2%.

Other types are available on request. Other information are available on single product datasheet.

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Company with Management System Quality certified ISO 9001

