



TECNOGEO TP

STANDARD PRODUCTION



VIGANO' PAVITEX S.P.A.

COMPREHENSIVE TABLE: Rev 124

DESCRIPTION: Nonwoven geotextile needle punched and thermo-fixed (GTX-N)

COMPOSITION: High tenacity polypropylene UV stabilized, white

PHYSICAL PROPERTIES		TP8	TP10	TP12	TP16	TP 20	TP 25	TP 26	
Mass per unit area	g/m ²	105	130	155	200	260	300	385	EN ISO 9864
Thickness under 2 kPa	mm	0,78	0,95	1,00	1,15	1,45	1,70	2,00	EN ISO 9863
MECHANICAL PROPERTIES									
Tensile strength MD	kN/m	8,0	10,0	12,0	16,0	20,0	25,0	26,0	EN ISO 10319
Tensile strength CMD	kN/m	8,0	10,0	12,0	16,0	20,0	25,0	26,0	EN ISO 10319
Elongation at maximum load MD	%	45	50	45	50	50	50	60	EN ISO 10319
Elongation at maximum load CMD	%	55	55	55	60	60	65	70	EN ISO 10319
Static puncture resistance CBR	kN	1,3	1,6	2,0	2,5	3,2	3,8	4,8	EN ISO 12236
Cone drop test perforation	mm	30	29	25	21	16	14	12	EN ISO 13433
Protection efficiency	N	160	180	210	260	310	400	440	EN 14574
HYDRAULIC PROPERTIES									
Characteristic opening size O ₉₀	μm	90	75	75	65	63	60	63	EN ISO 12956
Water permeability normal to the plane V _{iH50}	l/s*m ²	100	75	80	60	45	45	40	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

Vigano Pavitex S.p.A. - Via Carlinga 35, 24035 Curno (BG)
Tel +39 035 20 19 11 - Fax +39 035 20 19 36 - www.pavitex.com - geo.exp@pavitex.com
Company with Management System Quality certified ISO 9001

