

## *Specification datasheet Geotextile tex top Layer*

<b>Technical data</b>	Test method (ASTM)	Unit	20	25	30	35	40	50	60	70	80	90	100
Fabric properties													
<b>MECHANICAL</b>													
Polymer type			pet	pet	pet	pet	pet	pet	pet	pet	pet	pet	pet
Unit weight	D-5261	gr/m	200	250	300	350	400	500	600	700	800	900	1000
thickness	D-5199	Mm	1.10	1.60	2.10	2.40	2.90	3.50	3.90	4.20	4.50	4.80	5.00
Grab Tensile Strength	D-4632	N	700	820	950	1150	1450	1690	2050	2500	2910	3500	3900
Grab Elongation	D-4632	%	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50	>50
Mullen Burst	D-3786	kpa	2275	2470	3350	3900	4450	5340	6375	7040	7850	9330	9060
Trapezoidal tear	D-4533	N	300	360	480	535	595	700	790	1005	1100	1245	1350
Puncture Strenght	D-4833	N	405	515	720	830	930	1100	1305	1410	1495	1545	1590
Wide width Tensile	D4595	KN/m	13.2	14.2	15.2	16.1	16.9	21.3	27.4	35	37	41	44
Melting point	D-276	Oc	>240	>240	>240	>240	>240	>240	>240	>240	>240	>240	>240
UVResistanc	D-4355	%	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90	>90
<b>HYDRUALIC</b>													
Apparent Opening size(A.O.S)	D-4751	Mm	0.25	0.22	0.21	0.21	0.15	0.15	0.12	0.10	0.09	0.08	0.07
Permitivity	D-4491	Sec	2.30	2.10	1.80	1.65	1.50	1.20	1.10	0.98	0.90	0.85	0.70
permeability	D-4491	Cm/sec	0.21	0.22	0.22	0.23	0.25	0.25	0.32	0.32	0.20	0.20	0.20
Flow Rate	D-4491	L/m/sec	115	100	90	85	80	75	70	60	55	<b>46</b>	41