



Long Fiber Woven Geotextile Specifications

No	Items	Specifications										
		100	150	200	250	300	350	400	450	500	600	800
1	Mass Deviation Per Unit Area(%)	-6			-5					-4		
2	Thickness>(MM)	1.2	2.1	2.5	2.8	3.1	3.4	3.8	4.1	4.4	5.2	7.5
3	Width Deviation(%)	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5	-0.5
4	Breaking Strength(KN/m)	7	10.5	14	17.5	21	24.5	28	31.5	35	42	55
5	Elongation at break(%)	40-80										
6	CBR>(KN)	1.3	2.1	2.8	3.4	4.1	4.7	5.4	6	6.7	8	10.5
7	Equivalent Aperture (MM)	0.07-0.2										
8	Vertical Permeability Coefficient (CM/S)	KX(10 ⁻¹ -10 ⁻³) K=10.-9.9										
9	Tearing Strength>(KN)	0.17	0.28	0.35	42	0.49	0.56	63	0.7	0.77	0.91	1.25

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Short Fiber Woven Geotextile Specifications

No	Items	Specifications										
		100	150	200	250	300	350	400	450	500	600	800
1	Mass Deviation Per Unit Area (%)	-8	-8	-8	-8	-7	-7	-7	-7	-6	-6	-6
2	Thickness \geq (mm)	0.9	1.3	1.7	2.1	2.4	2.7	3	3.3	3.6	4.1	5
3	Width Deviation(%)	-0.5										
4	Longitudinal And Transverse Breaking Strength \geq (KN / M)	2.5	4.5	6.5	8	9.5	11	12.5	14	16	19	25
5	Elongation At Break	25-100										
6	CBR Bursting Strength \geq (KN)	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.2	4
7	Equivalent Aperture 090 (095)(MM)	0.07-0.2										
8	Vertical Permeability Coefficient(CM/S)	$K \times (10^{-1}-10^{-3})$ K=1.0-9.9										
9	Longitudinal And Transverse Tearing Strength \geq (KN)	0.08	0.12	0.16	0.2	0.24	0.28	0.33	0.38	0.42	0.46	0.6

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