



Protect Environment Go United

UNITED GEOSYNTHETICS (ASIA) CO., LTD.

UTD Nonwoven Geotextiles

Technical Data Sheet

Properties	Test Method	Unit	Specifications							
			150	200	250	300	350	400	450	700
Tensile Strength at Break	ASTM D4632	N	550	670	750	1100	1150	1310	1500	3000
Tensile Elongation	ASTM D4632	%	60	60	60	70	70	70	70	70
CBR Puncture Resistance	DIN 54307	N	1500	1800	2100	2650	3060	3450	3800	6100
Grab Strength	ASTM D4632	N	500	650	750	1000	1100	1300	1500	3000
Grab Elongation	ASTM D4632	%	70	70	70	70	70	70	70	70
Tear Resistance	ASTM D4533	N	200	240	300	380	430	465	500	500
Water Permeability	ASTM D4491	M/Sec.	0.1	0.06	0.05	0.04	0.04	0.03	0.03	0.01
Wet Sieve Size O	-	mm	0.1	0.1	0.09	0.08	0.07	0.07	0.06	0.05
Thickness	ASTM D5199	mm	1	1.2	1.4	1.7	1.9	2	2.1	2.7
Roll Width	-	m	4	4	4	4	4	4	4	4
Roll Length	-	m	200	200	150	100	100	100	100	50

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