

# NON-WOVEN GEOTEXTILE

Properties	Unit	ASTMD Test Method	400 GSM	500 GSM	600 GSM	700 GSM	900 GSM	1000 GSM
Grab Strength (MD/CD)	N	ASTMD 4632	1450	1800	2100	2400	2900	3200
Elongation at break (MD/CD)	%	ASTMD 4632	70	70	70	70	70	70
Tensile Strength (MD/CD)	kN/mtr	ASTMD 4595	23/25	28	35	40	50	55
Elongation at break (MD/CD)	%	ASTMD 4595	60/60	60	60	60	60	60
Trap.Tear.Strength (MD/CD)	N	ASTMD 4533	585	800	925	1075	1275	1650
Puncture Strength	N	ASTMD 4833	875	1125	1350	1600	1825	2325
Static Puncture Strength (CBR)	N	ASTMD 6241	4150	5275	6400	7500	8500	11000
Mullen Burst Strength	kPa	ASTMD 3786	•	•	•	•	•	•
Permeability Co-efficient	cm/sec	ASTMD 4491	0.21	0.18	0.16	0.14	0.1	0.06
Flow rate	l/m <sup>2</sup> /s	ASTMD 4491	35	25	20	15	10	5
Opening Size O95	microns	ASTMD 4751	90	90	< 70	< 70	< 70	< 70
Thickness (2kN/m)	mm	ASTMD 5199	3	3.3	4.1	4.5	5.1	5.5
Mass Per Unit Area	g/m <sup>2</sup>	ASTMD 5261	400	500	600	700	900	1000
Roll Dimensions (width x length)			6 x 100 / 2 x 100	6 x 100 / 2 x 100	6 x 100 / 2 x 100	6 x 100 / 2 x 100	6 x 100 / 2 x 100	6 x 100 / 2 x 100

\* UV Resistance ASTM 4355 ≥ 70 % of Original Tensile Strength Before Exposure

## Legal Notes

All data in our product information are based on our current knowledge and experience. They do not release users from careful testing of the application and strict observation of the relevant processing regulations because of the wide range of possible influences during the application and use of our products. Legally valid assurances of specific characteristics or suitability for special purposes of application other than those provided in our documentation for the specific product cannot be inferred from our information. The recipient or processor of our products at their own responsibility must follow any protective rights or existing laws and provisions. Moreover, our general terms and conditions of sale and warranty are valid.