



Crown Resources

Nonwoven Environmental Geotextiles
 2694 Hayes Wilbank Road
 Toccoa, GA 30577
 Ph. (864) 968-0592 * Fax (864) 879-4639



PROPERTY	UNIT	ASTM TEST METHOD	E040	E060	E070	E080	E100	E120	E140	E160
WEIGHT	oz/sy (g/sm)	ASTM D 5261	4.0 (135)	6.0 (203)	7.0 (238)	8.0 (271)	10.0 (340)	12.0 (408)	14.0 (476)	16.0 (544)
THICKNESS*	mils (mm)	ASTM D 5199	70 (1.77)	85 (2.13)	90 (2.29)	100 (2.5)	110 (2.79)	120 (3.05)	135 (3.43)	175 (4.45)
GRAB TENSILE	lbs. (kN)	ASTM D 4632	105 (.467)	160 (.711)	200 (.889)	225 (1.0)	270 (1.20)	350 (1.56)	390 (1.73)	425 (1.89)
GRAB ELONGATION	%	ASTM D 4632	50	50	50	50	50	50	50	50
TRAPEZOID TEAR	lbs. (kN)	ASTM D 4533	45 (0.20)	65 (.289)	75 (.33)	90 (.40)	100 (.44)	125 (.556)	135 (0.60)	150 (.667)
CBR PUNCTURE	lbs. (kN)	ASTM D 6241	305 (1.36)	435 (1.93)	500 (2.22)	575 (2.56)	725 (3.23)	900 (4.0)	1,020 (4.53)	1125 (5.0)
PERMITTIVITY*	l/sec	ASTM D 4491	2.0	1.4	1.4	1.3	0.94	0.758	0.64	0.57
PERMEABILITY*	cm/sec	ASTM D 4491	0.55	0.4	0.4	0.30	0.30	0.30	0.25	0.25
WATER FLOW*	gpm/sf (l/min/sm)	ASTM D 4491	160 (6518)	110 (4470)	105 (4270)	100 (4074)	75 (3055)	60 (2290)	50 (2037)	45 (1833)
A.O.S.	U.S. Sieve (mm)	ASTM D 4751	70 (.212)	70 (.212)	70 (.212)	80 (.180)	100 (.150)	100 (.150)	100 (.150)	100 (.150)
U.V. RESISTANCE	%/hrs	ASTM D 4355	70	70	70	70	70	70	70	70

* At the time of manufacturing. Handling may change these properties.

PACKAGING

Roll Dimensions (ft)	15x1350	15x900	15x780	15x690	15x570	15x480	15x390	15x360
Square Yds/Roll	2250	1500	1300	1150	950	800	650	600
Est. Roll Weight (lbs.)	619	600	601	611	623	630	597	630