

TRI Environmental, Inc. provided the following test results:

**UV Resistance (ASTM D 4355 – 500 hour exposure)**

**Tensile Properties (ASTM D 5035/ECTC)**

(4 inch wide strip specimen)

<b>Baseline Properties</b>	
MD – Maximum Load (ppi)	14.6
TD – Maximum Load (ppi)	18.7
MD – Elongation @ Max Load (%)	19.3
TD – Elongation @ Max Load (%)	27.7

<b>500 Hour Exposed Properties</b>	
MD – Maximum Load (ppi)	10.2
TD – Maximum Load (ppi)	13.8
MD – Elongation @ Max Load (%)	16.9
TD – Elongation @ Max Load (%)	16.6

<b>Light Penetration (ECTC Guidelines)</b>	
Baseline Reading	125
Reading with sample	10
% Light Penetration	<8

<b>Resiliency (ASTM D 6524)</b>	
Pre-loading thickness (mils)	1943
Post-loading thickness (mils)	326
% change	-83

<b>Swell (ECTC)</b>	
Dry thickness (mils)	1984
Thickness after soak (mils)	2098
% change	6

<b>Mass/Unit Area (ASTM D 6565)</b>	
Mass/unit area (oz/sq. yd)	50.89
Mass/unit area (g/sq. meter)	1725

<b>Water Absorption (ASTM D 1117/ECTC)</b>	
Pre-soak Weight (grams)	69
Post-Soak (grams)	152
Weight change (grams)	82
% Weight Change	119

<b>Smolder Resistance (ECTC)</b>	
Maximum Burn Distance (in)	.29

<b>Sediment Control (ASTM D 5141)</b>	
Test material:	Sand sieved thru No. 10 sieve
Filtering Efficiency (%)	59.1
Flow Rate (liter/minute)	150

**Blocksom & Co.**



(317) 346-4110

www.drainagesolutionsinc.com