Performance Specifications WF-10SB Erosion Control Blankets

TEST METHOD - DESCRIPTION	PARAMETERS	TEST RESULTS
ASTM D 6818 – Ultimate Tensile Strength/Stain MD TD	Index Test	106.3 lb/ft @ % 24.9 85.3 lb/ft @ % 22.5
ASTM D 4595 – Wide Width Strength/Strain MD TD	Index Test	120.2 lb/ft @ % 32.1 83.8 lb/ft @ % 26.1
ASTM D 6525 – Thickness	Index Test	0.343 inches
ASTM D 6475 – Mass per Unit Area	Index Test	11.0 oz/sq.yd
ASTM D 6567 – Ground Cover / Light Penetration	Index Test	89.1 % / % 10.2
ASTM D 1117 & ECTC-TASC 00197 Water Absorption	Index Test	520 %
ECTC – TASC 00197 – Swell	Index Test	19 %
ASTM D 6524 – Resiliency	Index Test	- 37 %
ASTM D 792 – Specific Gravity Net Only	Index Test	0.898 g/cm3
ECTC – TASC 00197 – Smolder Resistance	Index Test	Yes
ASTM D 6575 – Stiffness	Index Test	1869 mg-cm
ECTC Method 2 – Determination of Unvegetated RECP Ability too Protect Soil From Rain Splash and Associated Runoff Under Bench Scale Conditions.	50 mm (2 in) / hr for 30 min. 100 mm (4 in) / hr for 30 min. 150 mm (6 in) / hr for 30 min.	Soil Loss Ratio* = 13.73 Soil Loss Ratio* = 11.59 Soil Loss Ratio* = 9.78
ECTC Method 3 – Determination of Unvegetated RECP Ability to Protect Soil from Hydraulically – Induced Shear Stresses Under Bench Scale Conditions.	Shear: 1.36 psf for 30 min. Shear: 1.78 psf for 30 min. Shear: 2.49 psf for 30 min. Soil loss curve intercept =	Soil Loss = 161.7 g Soil Loss = 320.0 g Soil Loss = 1106.7 g 1.92 psf @ ½ - in soil loss
ECTC Draft Method 4 – Determination of Temporary Degradable RECP Performance in Encouraging Seed Germination and Plant Growth.	Top Soil; Fescue (Kentucky 31); 21 day incubation; 27 +2 & approximately 45+5% RH	% Improvement = 563% (increased biomass)

* Soil Loss Ratio = Soil Loss Bare Soil / Soil Loss with RECP = 1 / C-Factor (Note: soil loss is based on regression analysis)