

Appendix C

Laboratory Test Results

Bureau of Reclamation Laboratories

USBR Laboratory Testing of Ditchliner Wet-applied Polyurethane Geocomposite.

Property	Test Method	Value Obtained (Ave. Rolled)	Value Obtained (Ave. Unrolled)
<u>Tensile Strength</u>	ASTM D 882 1 inch samples, 2 ipm	102.2 lb	94.8 lb
<u>Elongation</u>	ASTM D 882	57%	58%
<u>Tensile Stress</u>	ASTM D 882	2221.8 psi	1362.1 psi
<u>Tensile Strength</u>	ASTM D 638 Type IV Dumbbell 2 ipm	18 lb	16.95 lb
<u>Elongation</u>	ASTM D 638	34%	33%
<u>Tensile Stress</u>	ASTM D 638	1555.3 psi	1001.7 psi
<u>Seam Shear</u>	ASTM D 816 2 ipm	56.25 lb	-
<u>Seam Peel</u>	ASTM D 816 2 ipm	1.32 lb	-
<u>Thickness</u>	ASTM D 751	46 mils	70 mil