

PROPERTY ⁽¹⁾	TEST METHOD	FREQUENCY	UNIT Imperial	1101144
SPECIFICATIONS				
GEOTEXTILE PROPERTY				
Cap Layer	-	-		Nonwoven
Cap Mass per Unit area	ASTM D5261	200,000 ft ² /18,580 m ²	oz/yd ²	6
Carrier Layer	-	-		Woven
Carrier Mass/Unit area	ASTM D5261	200,000 ft ² /18,580 m ²	oz/yd ²	3.1
BENTONITE PROPERTY				
Swell Index (min.)	ASTM D5890	100,000 lbs/4,535 kg	ml/2 g	24
Moisture Content (max.)	ASTM D4643	100,000 lbs/4,535 kg	%	12
Fluid Loss (max.)	ASTM D5891	100,000 lbs/4,535 kg	ml	18
FINISHED GCL PROPERTY				
Bentonite Mass (0% moisture)	ASTM D5993	40,000 ft ² /3,715 m ²	lbs/ft ²	0.75
Tensile Strength MD (min. avg.)	ASTM D6768	40,000 ft ² /3,715 m ²	lbf/in	40
Peel Strength (min.avg.)	ASTM D6496	40,000 ft ² /3,715 m ²	lbf/in	3.5
Peel Strength (min.avg.)	ASTM D4632	40,000 ft ² /3,715 m ²	lbf	21
Hydraulic Conductivity (max.)	ASTM D5887	Periodically	cm/s	5x10 ⁻¹⁰
Index Flux	ASTM D5887	Periodically	m ³ /m ² /sec	1x10 ⁻⁹
Effective Confining Stress (max.)			lbs/in ²	5
Internal Shear Strength	ASTM D6243	Periodically	lbs/ft ²	500
Normal Stress			lbs/ft ²	200
SUPPLY SPECIFICATIONS(Roll dimensions may vary ±1%)				
Roll Dimension - Width	-		ft	15.5
Roll Dimension - Length	-		ft	150
Area (Surface/Roll)	-		ft ²	2325

NOTES

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