

PROPERTY ⁽¹⁾	TEST METHOD	FREQUENCY	UNIT Imperial	1101132
SPECIFICATIONS				
GEOTEXTILE PROPERTY				
Cap Layer	-	-	-	Nonwoven
Cap Mass per Unit area	ASTM D5261	1/200,000 ft ²	oz/yd ²	3
Carrier Layer	-	-	-	Woven
Carrier Mass/Unit area	ASTM D5261	1/200,000 ft ²	oz/yd ²	3.1
BENTONITE PROPERTY				
Swell Index (min.)	ASTM D5890	1 / 100,000 lb	ml/2 g	24
Moisture Content (max.)	ASTM D4643	1 / 100,000 lb	%	12
Fluid Loss (max.)	ASTM D5891	1 / 100,000 lb	ml	18
FINISHED GCL PROPERTY				
Bentonite Mass (0% moisture)	ASTM D5993	1/40,000 ft ²	lbs/ft ²	0.75
Tensile Strength MD (min. avg.)	ASTM D6768	1/40,000 ft ²	lbf/in	30
Peel Strength (min.avg.)	ASTM D6496	1/40,000 ft ²	lbf/in	1
Peel Strength (min.avg.)	ASTM D4632	1/40,000 ft ²	lbf	6
Hydraulic Conductivity (max.)	ASTM D5887	1/week	cm/s	5x10 ⁻⁹
Index Flux	ASTM D5887	1/week	m ³ /m ² /sec	1x10 ⁻⁸
Effective Confining Stress (max.)	-	-	lbs/in ²	5
Internal Shear Strength	ASTM D6243	Periodically	lbs/ft ²	150
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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