

FABRINET DC 502

PROPERTY ⁽¹⁾	TEST METHOD	FREQUENCY	UNIT Metric	1086046
SPECIFICATIONS				
GEOCOMPOSITE PROPERTY		-		
Wide Width Tensile Strength (MD)	ISO 10319	Every 20 rolls	kN/m	22
Wide Width Tensile Strength (CMD)	ISO 10319	Every 20 rolls	kN/m	17
Transmissivity at 15,000 psf	ASTM D4716	Every 20 rolls	m ² /sec	5.0
Waterflow Capacity	ISO 12958-1	Project(5)	l/(m•s)	1.1
Boundary Conditions				Rigid/Rigid
Gradient			-	1
20/50/100/200 kPa and a gradient of 0.1			l/(m•s)	0.25/0.21/0.17/0.12
20/50/100/200 kPa and a gradient of 1			l/(m•s)	1.1/1.0/0.9/0.6
Ply Adhesion (3) (min. avg)	ISO 13426-2	Every 20 rolls	N/m	100
Mass per Unit Area	ISO 9864	Every 20 rolls	g/m ²	890
GEONET HDPE (2)		-		HDPE
Thickness (20 kPa)	ISO 9863-1	Every 100 rolls	mm	5.0
Density (min.)	ISO 1183-1	Every 100 rolls	g/cm ³	0.940
Carbon Black Content	ASTM D4218	Every 100 rolls	%	2.0 - 3.0
GEOTEXTILE (2)	-	-		Polypropylene
Mass per Unit Area	ISO 9864	-	g/m ²	120
Tensile Strength (MD)	ISO 10319	-	kN/m	9
Tensile Strength (CMD)	ISO 10319	-	kN/m	10
Puncture Resistance (CBR) (min. avg.)	ISO 12236	-	N	1260
Characteristic Opening Size (avg.)	ISO 12956	-	µm	110
Water Flow Normal to the Plane	ISO 11058	-	l/m ² /sec	110
UV Resistance (4)	ISO 13438	-		See note 4
SUPPLY SPECIFICATIONS(Roll dimensions may vary ±1%)				
Roll Dimension - Width	-		m	2.00
Roll Dimension - Length	-		m	50.0
Area (Surface/Roll)	-		m ²	100.00

NOTES

1. Testing frequency based on standard roll dimensions.
2. Component properties prior to lamination.
3. Leaving a width of approximately 20 cm without heat-bonding at both edges in the MD on both sides, enabling sufficient geonet overlapping during installation.
4. To be covered within 2 weeks.
5. Testing frequency and test conditions based on project specific requirements.

* All properties, unless otherwise noted, are guiding values. Minimum values are within 95% confidence interval.

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