

# 2-Sided Geocomposite

## 250mil Geonet



### Geonet Component<sup>(4)</sup>

6-250-6

8-250-8

Property	Test Method	Minimum Average Roll Value <sup>(5)</sup>	
Thickness, (mm)	ASTM D5199	250	250
*The thickness values may be changed due to project specifications (i.e., absolute minimum thickness)			
Peak Tensile Strength, lbs./in. (MD)	ASTM D5035	55	55
Melt Flow Index, g/10 minutes (max.)	ASTM D1238, 190°C, 2.16kg	≤1.0	≤1.0
Density, g/cm <sup>3</sup>	ASTM D792, Method B	0.94	0.94
Carbon Black Content	ASTM D4218	2 - 3	2 - 3
Transmissivity <sup>(1)</sup> , m <sup>2</sup> /sec.	ASTM D4716	3 x 10 <sup>-3</sup>	3 x 10 <sup>-3</sup>

### Geotextile Component (Prior to Lamination)

Property	Test Method	Minimum Average Roll Value <sup>(5)</sup>	
Mass per Unit Area, oz./sq. yd.	ASTM D5261	6.0	8.0
Grab Tensile Strength, lbs.	ASTM D4632	170	225
Grab Elongation, %	ASTM D4632	50	50
Trapezoidal Tear, lbs.	ASTM D4533	70	90
Puncture, lbs.	ASTM D4833	95	140
Mullen Burst, psi	ASTM D3786	325	400
Permittivity <sup>(2)</sup> , sec. <sup>-1</sup>	ASTM D4491	1.60	1.26
Water Flow <sup>(2)</sup> , gpm./ft. <sup>2</sup>	ASTM D4491	125	90
Apparent Opening Size, U.S. Std Sieve Size (max.)	ASTM D4751	70	80
UV Resistance after 500 hours, % Strength Retained	ASTM D4355	70	70

### Geocomposite<sup>(4)</sup>

Property	Test Method	Minimum Average Roll Value <sup>(5)</sup>	
Laminated Strength (Ply Adhesion), lbs./in.	ASTM D7005	1	1
Transmissivity <sup>(3)</sup> , m <sup>2</sup> /sec.	ASTM D4716	5 x 10 <sup>-4</sup>	5 x 10 <sup>-4</sup>

Notes: (1) Geonet Transmissivity at a temp. of 21°C, gradient of 0.1 and a load of 10,000psf: seating time 15 min. between steel plates.

(2) At time of manufacture. Handling may change these properties.

(3) Geocomposite Transmissivity at a temp. of 21°C, gradient of 0.1 and a load of 10,000psf: seating time 15 min. between steel plates.

(4) Component Properties are prior to Lamination

(5) For Geonet, Melt Flow Index is a maximum value, and for Geotextile, AOS is a maximum average roll value.

(6) All roll lengths and widths have a tolerance of ±1%

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