



Reinforcement

ADS GEOSYNTHETICS TN220 GEONET SPECIFICATION

Scope

This specification describes ADS Geosynthetics TN220 Geonet.

ADS Geosynthetics TN220 Geocomposite consists of geonet made from HDPE resin.

Filter Fabric Properties

Property	Test Method	Unit	Required Value	Qualifier
Thickness	ASTM D5199	mil.	220±20	Range
Carbon Black	ASTM D4218	%	2 to 3	Range
Tensile Strength	ASTM D7179	lb/in	45	Minimum
Melt Flow	ASTM D1238 ³	g/10 min	1	Minimum
Density	ASTM D1505	g/cm ³	0.94	Minimum
Transmissivity ¹	ASTM D4716	m ² /sec.	2x10 ⁻³	MARV ²

NOTES:

1. Transmissivity measure water at 21 ± 2° (70 ± 4°F) with a gradient of 0.1 and a confining pressure of 10,000 psf between stainless steel plates after 15 minutes. Values may vary between individual labs.
2. MARV is statistically defined as mean minus two standard deviations and it is the value which is exceeded by 97.5% of all the test data.
3. Condition 190/2.16