

SYNTEC PRODUCT SPECIFICATION

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UBXC1 Bi-Planar - Geonet

The product will have properties conforming to the values and test methods listed below:

PROPERTY	TEST METHODS	UNITS	VALUE	QUALIFIER	FREQUENCY
RESIN					
Density	ASTM D 792	g/cm ³	0.94	MAV	Lot
Melt Flow Index	ASTM D 1238	g/10 min	1.0	MAX	Lot
BI-PLANAR GEONET¹					
Thickness	ASTM D 5199	mil	225	±10%	50,000 sf
Carbon Black	ASTM D 4218	%	2-3	Range	50,000 sf
Tensile Strength – MD	ASTM D 5035	lb/ft	660	±10%	50,000 sf
Transmissivity² – MD					
Plate/Geonet/Plate, Gradient = 0.1 @ 10,000 psf 15 minutes seating period	ASTM D 4716	m ² /sec	3.0*10 ⁻³	MAV	500,000 sf
DIMENSIONS AND DELIVERY					
The geonet shall be delivered to the jobsite in roll form with each roll identified and nominally measuring 13 feet (4.0 meters) in width and 200 feet (61 meters) in length					

Qualifiers: MAV=Minimum Average Value, MAX=Maximum Value, MD= Machine Direction.

NOTES: 1. Bi-Planar geonet consists of main-ribs with diagonally placed top ribs.