

SYNTEC PRODUCT SPECIFICATION

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UBXC Bi-Planar - Geonet

The bi-planar geonet 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
BIPLANAR GEONET¹					
Thickness	ASTM D 5199	mil	200	±10%	50,000 sf
Carbon Black	ASTM D 4218	%	2-3	Range	50,000 sf
Tensile Strength – MD	ASTM D 5035	lb/ft	540	±10%	50,000 sf
Transmissivity ² – MD					
Plate/Geonet/Plate, Gradient = 0.1 @ 10,000 psf 15 minutes seating period	ASTM D 4716	m ² /sec	2*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 250 feet (76.2 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.