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Composite Geogrid CG31

Introduction

Composite Geogrids are Geocomposites especially designed for soil stabilization and reinforcement applications. The Composite Geogrids are manufactured by bonding a Biaxial Geogrid to a nonwoven polyester geotextile.

Specifications

Geogrid Index Properties	Test Method	Units	MD Values	TD Values
■ Polymer	–	–	PP	–
■ Minimum Carbon Black	ASTM D 4218	%	2	–
■ Tensile Strength @ 2% Strain	ASTM D 6637	kN/m (lb/ft)	12 (822)	12 (822)
■ Tensile Strength @ 5% Strain	ASTM D 6637	kN/m (lb/ft)	22 (1,508)	21 (1,508)
■ Ultimate Tensile Strength	ASTM D 6637	kN/m (lb/ft)	31 (2,125)	31 (2,125)
■ Strain @ Ultimate Strength	ASTM D 6637	%	13	13
Geotextile Physical Properties				
■ Mass per unit area	ASTM D 5261	g/m^2	300	–
■ Opening size	ASTM D 4751	mm	0.07	–
Dimensions	–	m (ft)	3.90 (12.8)	–
■ Roll Width	–	m (ft)	50 (164)	–

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