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#### Introduction

### Composite Geogrid GES-CG330

G.E. Composite Geogrids are geocomposites especially designed for soil stabilization and reinforcement applications. The G.E. Composite Geogrids are manufactured by bonding a G.E. 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)	10.5 (720)	10.5 (720)
■ Tensile Strength @ 5% Strain	ASTM D 6637	kN/m (lb/ft)	21 (1,440)	21 (1,440)
■ Ultimate Tensile Strength	ASTM D 6637	kN/m (lb/ft)	30 (2,050)	30 (2,050)
■ Strain @ Ultimate Strength	ASTM D 6637	%	13	13
■ Aperture Dimensions	–	mm(in)	34 (1.3)	34 (1.3)

##### Geotextile Physical Properties

■ Polymer	–	–	PET	–
■ Mass per unit area	ASTM D 5261	g/m <sup>2</sup>	200	–
■ Ultimate Tensile Strength	ASTM D 4595	kN/m	14	12
■ Tensile Elongation	ASTM D 4595	%	50	50
■ CBR Puncture Strength	ASTM D 6241	N	2300	–
■ Apparent Opening Size	ASTM D 4751	mm	0.11	–

##### Dimensions

■ Roll Width	m (ft)	3.90 (12.8)	–
■ Roll Length	m (ft)	50 (164)	–

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