

Composite Geogrid CG31



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.

PROPERTIES	TEST METHOD	UNIT	MD Values	TD Values
GEOGRID INDEX PROPERTIES				
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 (1,507)	22 (1,507)
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				
Polymer	-	-	PET	-
Mass Per Unit Area	ASTM D-5261	g/m ²	200	-
Ultimate Tensile Strength	ASTM D-4595	KN/m (lb/ft)	14 (950)	12 (816)
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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PDS-007-CG31 REV 1 (2024)

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Keymay is a manufacturer of geosynthetic materials and equipment for pipeline, civil, and municipal construction. We support our customers with the provision of field service crews for buoyancy control weights, protective coating, and geotextile installation. We've built a reputation for innovation and customer service, and are deeply committed to the values of safety, quality, and integrity.

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