

Biaxial Geogrid GG3030

SGS geogrids are especially designed for soil stabilisation and reinforcement applications. SGS biaxial geogrids are manufactured from polypropylene, integrally formed by the process of extrusion, longitudinal stretching and transverse stretching. SGS Geogrids are manufactured in ISO accredited manufacturing facilities.

Geogrid Property	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	10.5	10.5
Tensile Strength @ 5% Strain	ASTM D 6637	kN/m	21	21
Ult. Tensile Strength	ASTM D 6637	kN/m	30	30
Strain @ Ult. Strength	ASTM D 6637	%	13	13
Structural Integrity				
Junction Efficiency	GRI GG2	%	90	90
Overall Flexural Rigidity	ASTM D 1388	mg-cm	3,930,000	
Aperture Stability	COE Method	mm-N/deg	1432	
Dimensions				
Aperture Dimensions		mm	36	34
Min. Rib Thickness	ASTM D 1777	mm	2.1	1.8
Roll Width		m	3.95	
Roll Length		m	50	
Roll Weight		kg	68	

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SGS reserves the right to change the product specifications at any time

