Composite Geogrid DUX CG30/150

DUX Composite Geogrids are especially designed for soil stabilisation and reinforcement applications. DUX Composite geogrids are manufactured in ISO accredited manufacturing facilities by bonding a biaxial PP geogrid to a non-woven polyester geotextile.
CG30/350 comprises a 30x30kN/m biaxial geogrid laminated to a 350gsm non-woven geotextile. CG30/350 meets all technical requirements of QMRD MRTS58.

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	%	10	10
Structural Integrity				
Junction Efficiency	GRI GG2	%	95	95
Overall Flexural Rigidity	ASTM D 1388	mg-cm	3,930,000	
Aperature Stability	COE Method	mm-N/deg	1432	
Geotextile Physical Properties	Class C			
Mass per unit area	ATSM D 5261	g/sqm	150	
Opening Size	ASTM D 4751	mm	0.09	
Dimensions				
Aperture Dimension		mm	36	34
Min. Rib Thickness	ASTM D 1777	mm	2.1	1.8
Roll Width		m	3.9	
Roll Length		m	50	
Roll Weight		kg	107	

Issue 2, June 2019

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