

## Product Specification – LEgeo RGC2010

**Product Type:** Woven Fiberglass Geogrid with Non-Woven Geotextile  
**Geogrid Coating:** Modified Polymer

Index Properties	Test method	Units	MD value <sup>1</sup>	XMD value <sup>1</sup>
• Ultimate tensile strength	ASTM D6637-01	kN/m (lbs/in)	100 (570)	200 (1,140)
• Tensile Elongation at failure	ASTM D6637-01	%	< 3.0	
• Aperture Size <sup>2</sup>	Nominal	mm (in)	12.5 (0.5)	12.5 (0.5)
• Melting Point	ASTM D276	°C (°F)	> 300 (570)	
• Mass per Unit Area	ASTM D5261	g/m <sup>2</sup> (oz/yd <sup>2</sup> )	750 (22.1)	
Geotextile Properties	Test Method	Units	MD value <sup>1</sup>	XMD value <sup>1</sup>
• Grab Tensile Strength	ASTM D4632	N (lbs)	449 (101)	449 (101)
• Grab Tensile Elongation	ASTM D4632	%	50	
• Asphalt Retention	ASTM D6140	l/m <sup>2</sup> (gal/yd <sup>2</sup> )	0.90 (0.20)	
• Weight	ASTM D5261	g/m <sup>2</sup> (oz/SY)	136 (4.0)	
Roll Physical Properties	Units	Value		
• Roll Width (standard) <sup>3</sup>	m (ft)	1.5 (5.0)		
• Roll Length (standard) <sup>3</sup>	m (ft)	75 (246)		
• Roll Weight (standard) <sup>3</sup>	kg (lbs)	105 (232)		

**Notes:**

1. Unless indicated otherwise, values shown are Minimum Average Roll Values (MARV) in accordance with ASTM D4759-02.
2. Measured centerline to centerline.
3. Standard Roll Size, custom roll sizes available upon request.

**DISCLAIMER:** Alliance Geosynthetics reserves the right to change its product specifications at any time and without notice. It is the user's responsibility to ensure that this specification is current and that the specified product is appropriate for the application being considered.