

Product Specification – LEgeo GP50

Product Type: Spun bond polyester geotextile mat embedded with a continuous glass fiber reinforcement matrix

Product Properties

	Test method	Units	MD value ¹	XMD value ¹
Index Properties				
• Ultimate tensile strength	ASTM D5035	kN/m (lb/ft)	50 (285)	50 (285)
• Tensile elongation	ASTM D5035	%		< 5.0
• Young's modulus	ASTM D5035	MPa (psi)	73,000 (10.6 x 10 ⁶)	
• Melting point	ASTM D276	°C (°F)	> 232 (450)	
• Mass per unit area	ASTM D5261	g/m ² (oz/SY)	237 (7.0)	
• Asphalt retention	ASTM D6140	l/m ² (gal/SY)	0.47 (0.10)	
Roll Physical Properties				
	Units	Value		
• Roll width (standard) ⁽²⁾	m (ft)	3.9 (12.8)		
• Roll length (standard) ⁽²⁾	m (ft)	50/75/100 (164/246/328)		

Notes:

1. Unless indicated otherwise, values shown are Minimum Average Roll Values (MARV) in accordance with ASTM D4759-01

DISCLAIMER: L.E. Geosolutions 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.