G-Grid PPD Range Products   PP Biaxial Geogrid

Technical Data Sheet

GEO-LINK PP Biaxial Geogrid Dec.19th, 2009

G-Grid PPD is a generic name for flexible synthetic mats or meshes used to stabilize large areas of soil. They are made of high strength plastics woven polyester yarns or glass fabric yarns and are typically packaged in rolls. Geogrids vary in strength and are rated by Long-Term Allowable Design Strength.

Items	Specification			
	PPD1515	PPD2020	PPD3030	PPD4040
Longitudinal Tensile Strength≥(KN/m)	15	20	30	40
Transverse Tensile Strength≥(KN/m)	15	20	30	40
Longitudinal Yield Elongation		≤15%		
Transverse Yield Elongation		≤13%		
Longitudinal Tensile Strength at 2% Elongation≥(KN/m)	5	7	10.5	14
Transverse Tensile Strength at 2% Elongation≥(KN/m)	5	7	10.5	14
Longitudinal Tensile Strength at 5% Elongation≥(KN/m)	7	14	21	28
Transverse Tensile Strength at 5% Elongation≥(KN/m)	7	14	21	28
Roll Length (m)		50		40
Roll Width (m)		2/3.9/3.95/4		
Approx Load Q'ty per 40'HQ (m²)	29625	23700		17775
	14810			

Above values are on an average basis, the data was obtained from in-house test laboratory, National test institutes and international test institutes. GEO-LINK keeps the right of data changes and the final explanation right. Liability Exclusion: This publication should not be construed as engineering advice. While information contained here is accurate to the best of our knowledge, GEO-LINK does not warrant its accuracy or completeness. The only warranty made by GEO-LINK for its products is set forth in our Product Test Report accompanies our shipment of the products, or such other written warranty as may be agreed by GEO-LINK and customer. GEO-LINK specifically disclaims all other warranties, express or implied, including without agreed by GEO-LINK and customer. GEO-LINK specifically disclaims all other warranties, express or implied, including without limitation, warranties of merchantability or fitness for a particular purpose, or rising from provision of samples, a course of dealing or usage of trade.

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