



GGG 1200 Geogrid

GGG 1200 is an integrally formed biaxial geogrid made of 100% polypropylene. The load transfer mechanism is a positive mechanical interlock. GGG 1200 is primarily used for base reinforcement or subgrade improvement. GGG 1200 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GGG 1200 meets or exceeds the physical property values listed below:

Property	Units	MD M.A.R.V.	XMD M.A.R.V
Aperture Dimensions	inches	1.0	1.3
Minimum Rib Thickness	inches	0.05	0.05
Tensile Strength @ 2% Strain	lb/ft	410	620
Tensile Strength @ 5% Strain	lb/ft	810	1340
Ultimate Tensile Strength	lb/ft	1310	1970
Junction Efficiency	%	93	
Flexural Stiffness	mg-cm	750,000	
Aperture Stability	m-N/deg	0.65	