

DATASHEET

Geogrid® - PP Biaxial

Description:

Biaxial Geogrid is manufactured from Polypropylene. It is produced through the process of extruding, punching, heating, longitudinal stretching and transverse stretching.

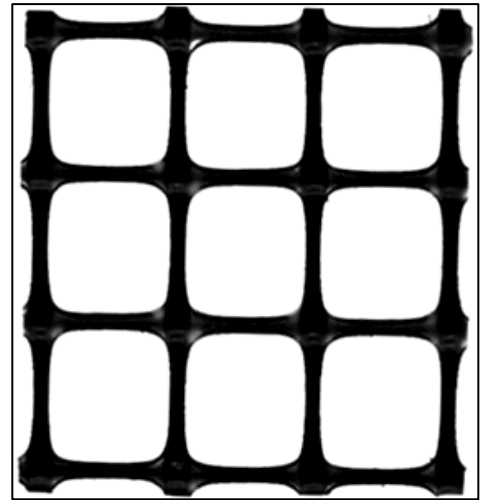
Performance:

High tensile strength at both longitudinal and transverse direction

Applications:

Soft foundation reinforcing for highway/railway, Slope protection projects, Landfill sites

Benefits: Improving bearing capacity foundation, Preventing cracking & subsiding, convenient to construct, reducing cost and maintaining expense



Tested Properties	Test Method	Unit	GG1515		GG2020		GG3030		GG4040	
			MD	TD	MD	TD	MD	TD	MD	TD
Polymer			PP		PP		PP		PP	
Minimum Carbon Black	ASTM D 4218	%	2		2		2		2	
Tensile Strength @ 2% Strain	ASTM D 6637	kN/m	5	5	7	7	10.5	10.5	14	14
Tensile Strength @ 5% Strain	ASTM D 6637	kN/m	7	7	14	14	21	21	28	28
Ultimate Tensile Strength	ASTM D 6637	kN/m	15	15	20	20	30	30	40	40
Strain @ Ultimate Strength	ASTM D 6637	%	13	10	13	10	13	10	13	10
Junction Efficiency	GRI GG2	%	93		93		93		93	

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