

DATASHEET

Geogrid® - PP Uniaxial

Description:

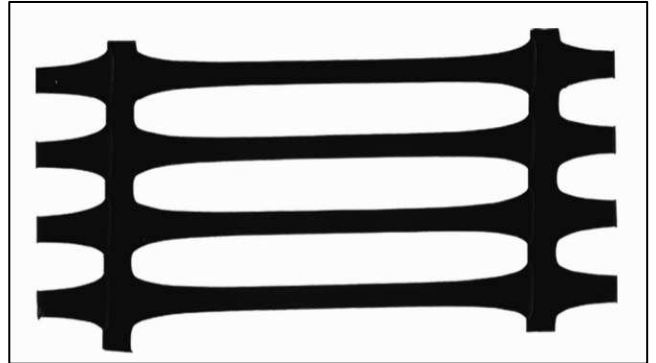
Uniaxial Geogrid is manufactured from Polypropylene. It is produced through the process of extruding, punching, Heating and stretching.

Performance:

High tensile strength and high elastic modulus.

Applications:

Soft foundation reinforcing for highway / railway,
Reinforcing for retaining wall / dam



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

Tested Properties	Test Method	Unit	60PP MD	80PP MD	110PP MD	150PP MD	260PP MD
Polymer			PP	PP	PP	PP	PP
Minimum Carbon Black	ASTM D 4218	%	2	2	2	2	2
Tensile Strength @ 2% Strain	ASTM D 6637	kN/m	17	26	32	45	94
Tensile Strength @ 5% Strain	ASTM D 6637	kN/m	35	48	64	90	185
Ultimate Tensile Strength	ASTM D 6637	kN/m	60	80	110	150	260

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