Product Technical Data Sheet

SSES PP Grid 40B

Material	Polypropylene Extruded Biaxial Geogrids
Functionality	**SSES PP Grid 40B** are high modulus polypropylene geogrids, produced by an extrusion process characterized by tensile resistance both in the longitudinal and in the transverse direction. They are inert to all chemical existing in natural soils 4≤pH≤ 9. They are mainly used for "soil stabilization" and for some kinds of soil reinforcements applications.

Properties		Test Method	Unit	Value
Mechanical Properties				
Tensile Strength	MD	EN ISO 10319 ASTM D 6637	kN/m	40
	CD			40
Tensile Strength at 2% Strain	MD			14
	CD			14
Tensile Strength at 5% Strain	MD			28
	CD			28
Typical Strain, Longitudinal			%	13.0
Typical Strain, Transverse				10.0
Typical Junction Strength Efficiency		GRI GG2/GG1		90
Physical-Chemical Properties				
Polymer				100% Stabilizes UV PP
Carbon Black Content			%	≥ 2.0
Mesh Opening Size (± 3 mm)			Mm	38 x 38 / 65 x 65
Roll Length			M	50.0
Roll Width			M	3.95

This information is provided for reference purpose only and is not intended as Warranty or Guarantee. The Company has a procedure of constantly improving the products based on research and feedback. Therefore, we reserve the right to change the specifications contained herein without prior notice.

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