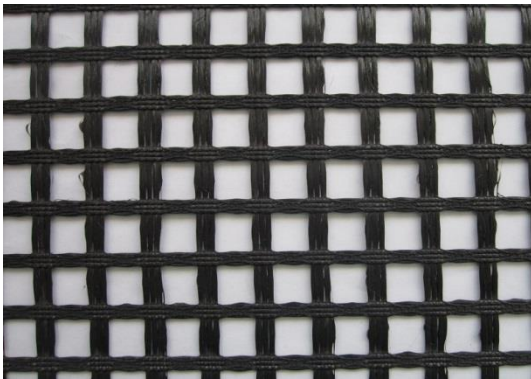


Technical Data Sheet

NEFTEGAZ GRUNTSETSSNP, SSP geogrids

Reinforcement of soil structures



Neftegaz GRUNTSET geogrids are glass grids formed by two systems of rovings arranged perpendicular to each other, interknit with a third yarn, a knitting yarn, and impregnated with a polymer compounds.

Typical application: geogrids are used as reinforcing and dividing interlayer for ensuring steadiness and stability of soil structures when building embankments on weak bases (swamps, waterlogged grounds), when constructing temporary roads, passages along highways and various purpose sites, combined with other geosynthetic materials.

Physical and mechanical properties

Характеристика	Ед. изм.	SSNP 50/50	SSNP 100/100	SSP 30/30
Surface weight	g/m ²	≥300	≥500	≥150
Size of a square mesh side	mm,±10%	20x20/25x25/50x50		2.5x2.5
Tensile strength				
longitudinal	kN/m	≥50	≥100	≥30
transverse	kN/m	≥50	≥100	≥30
Elongation at break				
longitudinal	%	≤4	≤4	≤4
transverse	%	≤4	≤4	≤4
Standard roll size				
width	m	not more than 5.4		
length	m	50/75/100		

Manufacture of the material with other physical and mechanical properties is accepted upon agreeing about with a consumer.

Advantages: increase in load-bearing capacity, assurance of overall steadiness, decrease in irregular yield, prolongation of service life of soil structures. Special impregnation of geogrids ensures resistance of the grids to possible aggressive attacks during construction and operational service (water medium, pH 4 to pH 10, influence of negative and positive temperatures). The grids are manufactured of Russian glass fiber using up-to-date equipment. Geogrids manufacturing experience is more than 10 years.

Designation SSNP 50/50-25:

SSNP – short name of geogrid

50/50 – tensile strength along warp/weft, kN/m

25 – mesh pitch

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Package:

Geogrids are rolled tightly round a plastic or cardboard sleeve, packed in black polyethylene film in accordance with GOST 10354, scotch taped and laid horizontally on a pallet, no more than 7 tiers in height.

Regulatory documents:

- Technical specifications TU 2296-016-00205009-2010

Manufactured by:

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