Geogrid PP BX

Product specifications

Product description:

Biaxial monolithic geogrid Geogrid PP BX is made from 100% polypropylene (**PP**). It is used for reinforcement of the unbound layers of roads and other trafficked areas and to stabilize the construction layers of railway structures.

- 1 designed and manufactured exclusively for ground stabilization
- $\ensuremath{\textcircled{}^{2}}$ more efficient than woven and bonded geogrids for mechanical stabilization
- strong junctions and sharp rib edges effective confinement of the aggregate particles

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Function:

reinforcement



Tensile Strength		Elongation		Mesh size		Roll			
longitudinal	transverse	longitudinal	transverse	longitudinal	transverse	width	length	area	weight
[kN/m]	[kN/m]	[%]	[%]	[mm]	[mm]	[m]	[m]	[m²]	[kg]
EN ISO 10319									
25	25	10	10	39	39	3,95	50	197,5	50
31	31	10	10	39	39	3,95	50	197,5	68
41	41	10	10	39	39	3,95	50	197,5	98
	longitudinal [kN/m] 25 31	longitudinal [kN/m] transverse [kN/m] EN ISO 25 31 31	longitudinaltransverselongitudinal[kN/m][kN/m][%]EN ISO10319252510313110	longitudinal [kN/m]transverse [kN/m]longitudinal [%] [%] EN ISO 10319transverse [%]2525101031311010	longitudinal [kN/m]transverse [kN/m]longitudinal [%]transverse [%]longitudinal [mm]25251010393131101039	longitudinal [kN/m]transverse longitudinal [kN/m]longitudinal [m]transverse [m]252510103939313110103939	longitudinal [kN/m]transverse longitudinallongitudinal ransversetransverse [%]longitudinal [m]transverse [mm]width [m]2525101039393,953131101039393,95	longitudinal [kN/m]transverse [M]longitudinal [M]transverse [M]width [M]length [M][kN/m][M][M][M][M][M][M][M][M][M]2525101039393,95503131101039393,9550	Iongitudinal [kN/m]transverse [m]Iongitudinal [m]transverse [mm]width [m]length [m]area [m²]2525101039393,9550197,53131101039393,9550197,5

Remarks:

Unless indicated otherwise, values are determined according to the applicable European standards and are valid as of the date of this document. Products are subject to continuous development and improvement and these values may change over time. In case of requirement the delivery of products with different dimensions or other technical data or in the case of interest of technical consultation please contact technical department by e-mail: technika@geomat.eu.

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