



XGRID PET C AM 35 S

Year of last update: 2024



Function: Erosion control, Reinforcement

STRUCTURE: 3-dimensional mesh with high void ratio, made with extruded threads welded where they cross coupled with a reinforcing geogrid.

PROPERTIES OF RAW MATERIAL

tol

Type of product		Geomat
Raw material (+ UV stabilizer)		PP
Void ratio	%	>95
Type of reinforcing		Woven grid
Reinforcing's raw material		PET + polymeric coating

PHYSICAL/ MECHANICAL CHARACTERISTICS

tol

Thickness at 2 kPa	EN 9863-1	mm	15	±2
Tensile strenght at maximum load MD	EN ISO 10319	kN/m	≥ 35	
Tensile strenght at maximum load CMD	EN ISO 10319	kN/m	≥ 20	
Extension at max load MD	EN ISO 10319	%	10	+/-2,5
Extension at max load CMD	EN ISO 10319	%	11	+/-2,5

STANDARD DIMENSIONS

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Roll width	m	1,95 - 3,9	+/-5%
Roll lenght	m	30	+/-5%

MD: Machine direction

CMD: Cross machine direction



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REV. 2/2024