



# XGRID PET C AM 150 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		<b>Geomat</b>
Raw material (+ UV stabilizer)		<b>PP</b>
Void ratio	%	<b>&gt;95</b>
Type of reinforcing		<b>Woven grid</b>
Reinforcing's raw material		<b>PET + polymeric coating</b>

## PHYSICAL/ MECHANICAL CHARACTERISTICS

tol

Thickness at 2 kPa	EN 9863-1	mm	<b>15</b>	±2
Tensile strenght at maximum load MD	EN ISO 10319	kN/m	<b>≥ 150</b>	
Tensile strenght at maximum load CMD	EN ISO 10319	kN/m	<b>≥ 20</b>	
Extension at max load MD	EN ISO 10319	%	<b>10</b>	+/-2,5
Extension at max load CMD	EN ISO 10319	%	<b>11</b>	+/-2,5

## STANDARD DIMENSIONS

tol

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

MD: Machine direction

CMD: Cross machine direction



The information given in this data sheet is to the best of our knowledge true and correct. TeMa srl reserves the right to change its product specifications at any time. It is the responsibility of the specifier and purchaser to ensure that product specifications used for design and procurement purposes are current and consistent with the products used in each instance.

TeMa Technologies and Materials srl

Via dell'Industria 21 - 31029 Vittorio V.to (TV) Tel. +39.0438.50.31 - Fax +39.0438.50.34.60 - e-mail: info@temacorporation.com - www.temacorporation.com

REV. 2/2024