



# XGrid PET C AM 110 S

Year of last update: **2023**  
 Reference norms: **EN 13249, EN 13250, EN 13251, EN 13253, EN 13254, EN 13255, EN 13257, EN 13265**  
 Certificate number: **1213-CPR-5555**  
 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

		<i>tol</i>
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

				<i>tol</i>
Thickness at 2 kPa	EN 9863-1	mm	<b>17</b>	$\pm 2$
Tensile strenght at maximum load MD	EN ISO 10319	kN/m	<b><math>\geq 110</math></b>	
Tensile strenght at maximum load CMD	EN ISO 10319	kN/m	<b><math>\geq 20</math></b>	
Extension at max load MD	EN ISO 10319	%	<b>10</b>	$\pm 2,5$
Extension at max load CMD	EN ISO 10319	%	<b>12</b>	$\pm 2,5$

## DIMENSIONAL CHARACTERISTICS

				<i>tol</i>
<b>STANDARD DIMENSIONS</b>				
Roll width		m	<b>1,95 - 3,9</b>	$\pm 5\%$
Roll lenght		m	<b>30</b>	$\pm 5\%$

**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.*

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Rev. giu-23