



# XGrid PET C AM 20 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

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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

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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 20</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

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<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



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