



XGrid PET C AM 55 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		Geomat	
Raw material (+ UV stabilizer)		PP	
Void ratio	%	>95	
Type of reinforcing		Woven grid	
Reinforcing's raw material		PET + polymeric coating	

PHYSICAL/ MECHANICAL CHARACTERISTICS

				<i>tol</i>	
Thickness at 2 kPa	EN 9863-1	mm	17	± 2	
Tensile strenght at maximum load MD	EN ISO 10319	kN/m	≥ 55		
Tensile strenght at maximum load CMD	EN ISO 10319	kN/m	≥ 20		
Extension at max load MD	EN ISO 10319	%	10	$\pm 2,5$	
Extension at max load CMD	EN ISO 10319	%	12	$\pm 2,5$	

DIMENSIONAL CHARACTERISTICS

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

MD: Machine direction

CMD: Cross machine direction



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