



XGrid PET-C-0 50/50

Reference norms: **EN 13249, EN 13250, EN 13251, EN 13253, EN 13254, EN 13255, EN 13257, EN 13265**
Certificate number: **1213 - CPR - 5326**
Function: **Reinforcement**



STRUCTURE: Knitted grid from high-tenacity multifilament polyester yarns with black polymeric coating which can provide best resistance of UV and durability

PROPERTIES OF RAW MATERIAL

Raw material	PET	<i>tol</i>
Coating	polymeric	

MECHANICAL PROPERTIES

Strength resistance MD	EN ISO 10319	kN/m	≥50	
Elongation at max load MD	EN ISO 10319	%	10	+/-2,5
Strength resistance CMD	EN ISO 10319	kN/m	≥50	
Elongation at max load CMD	EN ISO 10319	%	11	+/-2,5
Tensile strength MD at 2% of elongation	EN ISO 10319	kN/m	10	+/-10%
Tensile strength MD at 5% of elongation	EN ISO 10319	kN/m	21	+/-10%

TYPICAL DIMENSIONS

Mesh dimensions MD/CMD	mm	29x29	<i>tol</i>	+/-2
Roll width	m	4,15-5,25		+/-0,1
Roll length	m	100		+/-0,5

MD: Machine direction - longitudinal direction

CMD: Cross machine direction - transverse direction



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