



XGrid PET-C-0 100/100

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	tol
Coating	polymeric	

MECHANICAL PROPERTIES

Strength resistance MD	EN ISO 10319	kN/m	≥100	tol
Elongation at max load MD	EN ISO 10319	%	10	+/-2,5
Strength resistance CMD	EN ISO 10319	kN/m	≥100	
Elongation at max load CMD	EN ISO 10319	%	11	+/-2,5
Tensile strength MD at 2% of elongation	EN ISO 10319	kN/m	19	+/-10%
Tensile strength MD at 5% of elongation	EN ISO 10319	kN/m	40	+/-10%

TYPICAL DIMENSIONS

Mesh dimensions MD/CMD	mm	29x29	+/-2	tol
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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