



XGRID PET C PPL 50/50

Year of last update: 2024

Function: Reinforcement



STRUCTURE: Knitted grid from high-tenacity multifilament polyester yarns with black polymeric coating which can provide best resistance of UV and durability, bonded to a non woven PP geotextile

PROPERTIES OF RAW MATERIAL

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Raw material			PET
Coating			POLYMER COMPATIBLE BITUMEN
Raw material of geotextile			PP
Weight of geotextile	EN ISO 9864	g/m ²	12 +/-10%

MECHANICAL PROPERTIES

tol

Strength resistance MD - TULT	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	%	10	+/-2,5

TYPICAL DIMENSIONS

tol

Mesh dimensions MD/CMD	mm	35x35	+/-3
Roll width	m	4,4	+/-0,1
Roll length	m	100	+/-0,5

MD: Machine direction - longitudinal direction

CMD: Cross machine direction - transverse direction



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