



XGRID PET C 0 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

PROPERTIES OF RAW MATERIAL

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

MECHANICAL PROPERTIES

		<i>tol</i>
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	% 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

		<i>tol</i>
Mesh dimensions MD/CMD	mm	29x29 +/-3
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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