



XGRID PET C 0 35/20

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

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

MECHANICAL PROPERTIES

Strength resistance MD - TULT	EN ISO 10319	kN/m	≥ 35	
Elongation at max load MD	EN ISO 10319	%	10	+/-2,5
Strength resistance CMD	EN ISO 10319	kN/m	≥ 20	
Elongation at max load CMD	EN ISO 10319	%	11	+/-2,5
Long term design strength MD - TAL (*)	FHWA NHI-00-043	kN/m	19,35	

(120 years life, 20°, 5<pH<8, sand)

TYPICAL DIMENSIONS

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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