



XGRID PET C 0 55/20

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

		tol
Raw material	PET	
Coating	polymeric	

MECHANICAL PROPERTIES

				tol
Strength resistance MD - TULT	EN ISO 10319	kN/m	≥ 55	
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	30,41	

(120 years life, 20°, 5<pH<8, sand)

TYPICAL DIMENSIONS

				tol
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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TeMa Technologies and Materials srl

Via dell'Industria 21 - 31029 Vittorio V.to (TV) Tel. +39.0438.50.31 - Fax +39.0438.50.34.60 - e-mail: info@temacorporation.com - www.temacorporation.com

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