



XGRID PET C PP 30/30

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

			<i>tol</i>
Raw material		PET	
Coating		polymeric	
Raw material of geotextile		PP	
Weight of geotextile	EN ISO 9864	g/m ² 150	+/-10%

MECHANICAL PROPERTIES

			<i>tol</i>
Strength resistance MD - TULT	EN ISO 10319	kN/m ≥ 30	
Elongation at max load MD	EN ISO 10319	% 10	+/-2,5
Strength resistance CMD	EN ISO 10319	kN/m ≥ 30	
Elongation at max load CMD	EN ISO 10319	% 11	+/-2,5
Tensile strength MD at 2% of elongation	EN ISO 10319	kN/m 7	+/-10%
Tensile strength MD at 5% of elongation	EN ISO 10319	kN/m 14	+/-10%

TYPICAL DIMENSIONS

			<i>tol</i>
Mesh dimensions MD/CMD	mm	29x29	+/-3
Roll width	m	5	+/-0,1
Roll length	m	100	+/-0,5

MD: Machine direction - longitudinal direction
 CMD: Cross machine direction - transverse direction



The information given in this data sheet is to the best of our knowledge true and correct. TeMa srl reserves the right to change its product specifications at any time. It is the responsibility of the specifier and purchaser to ensure that product specifications used for design and procurement purposes are current and consistent with the products used in each instance.

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

REV. 2/2024