



# XGRID PET C PP 40/40

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

## MECHANICAL PROPERTIES

			<i>tol</i>
Strength resistance MD - TULT	EN ISO 10319	kN/m <b>≥ 40</b>	
Elongation at max load MD	EN ISO 10319	% <b>10</b>	+/-2,5
Strength resistance CMD	EN ISO 10319	kN/m <b>≥ 40</b>	
Elongation at max load CMD	EN ISO 10319	% <b>11</b>	+/-2,5
Tensile strength MD at 2% of elongation	EN ISO 10319	kN/m <b>9</b>	+/-10%
Tensile strength MD at 5% of elongation	EN ISO 10319	kN/m <b>18</b>	+/-10%

## TYPICAL DIMENSIONS

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

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



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