

# Robulon PET

## Technical Data

TenCate Geolon® Robulon PET are high strength geocomposites for erosion control purposes. The product is made with a 3-dimensional structure. The polyester base layer is resistant to heavy and constant loads. The combination of reinforcement and soil retention makes Robulon the ideal mat for erosion control in a variety of applications such as soil retention on slopes of landfills, directly on top of the membrane.



TenCate Geolon® Robulon PET

Characteristics [Standard]	Unit	Robulon PET 150
<b>Type of product</b>		
3D geocomposite consisting of a high strength PET base layer, combined with a special PP woven backing, interconnected by inseparable PP loops for soil retention, and support for vegetative growth.		
<b>Product Properties</b>		
Thickness under 2 KPa <i>[EN ISO 9883-1]</i>	$t_{gt}$ mm	~ 10
Total mass per unit area <i>[EN ISO 9864]</i>	$\mu_{gt}$ g/m <sup>2</sup>	750
Puncture resistance <i>[INFG 38019]</i>	$P_s$ kN	4.5
<b>Base Layer Properties</b>		
Tensile strength <i>[EN ISO 10319]</i>	MD* kN/m	150
	CD* kN/m	50
Elongation at maximum strength <i>[EN ISO 10319]</i>	MD* %	12
	CD* %	12
<b>Forms of supply</b>		
Width	m	5
Length	m	50
Roll weight (indicative)	kg	210

\* MD = Machine Direction, CD = Cross Directions

The values given are average values obtained in our laboratories and in testing institutes. The right is reserved to make changes without notice at any time.

Other forms of supply as well as other grades are available upon request.

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