

Geolon® PET - Geotextiles

Technical Data

TenCate Polyfelt Geolon® PET woven geotextiles are engineered materials suitable for short and long term soil reinforcement applications. They are composed of high modulus polyester fibres, assembled to form a structured and stable woven geotextile.



TenCate Polyfelt Geolon® PET

Properties <small>[Standard]</small>	Unit		PET	PET	PET	PET	PET	PET	PET	PET
			100	150	200	300	400	600	800	1000
Mechanical Properties										
Tensile strength <small>[EN ISO 10319]</small>	MD	kN/m	110	175	220	330	440	660	880	1100
	min	kN/m	100	150	200	300	400	600	800	1000
	CD	kN/m	50	50	50	50	50	100	100	100
Elongation at nominal strength <small>[EN ISO 10319]</small>	MD	%	10	10	10	10	10	10	10	10
	min	%	+0	+0	+0	+0	+0	+0	+0	+0
	CD	%	12	12	12	12	12	12	12	12
Tensile strength at 6% <small>[EN ISO 10319]</small>	MD	kN/m	50	75	100	150	200	300	400	500
	min	kN/m	-0	-0	-0	-0	-0	-0	-0	-0
Forms of Supply										
Roll width		m	5	5	5	5	5	5	5	5
Roll length		m	200	300	300	200	200	150	100	100
Roll weight		kg	400	645	765	720	950	998	880	1060

MD = machine direction / CD = cross direction min: These values are given within the 95% confidence level. Other forms of supply as well as grades, adjusted to the requirements of the project, are available on request.

For information concerning long term design strength, friction behaviour or other product properties please contact Ten Cate Geosynthetics.

The values given are average values obtained in our laboratories and in accredited testing institutes. The information given in this datasheet is to the best of our knowledge true and correct. However new research results and practical experience can make revisions necessary. The right is reserved to make changes without notice at any time. No guarantee or liability can be drawn from the information mentioned herein.

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