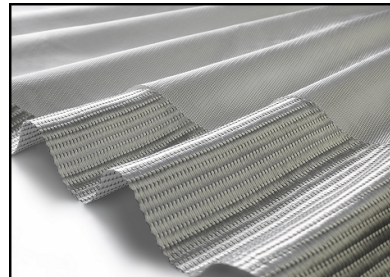


Geolon PET

Geolon PET uniaxial wovens are engineered materials suitable for short and long term reinforcement applications. They are composed of high modulus polyester fibers, assembled to form a structured and stable woven geotextile.



Properties	Test method	Unit	PET 100/50	PET 150/50	PET 200/50	PET 300/50	PET 400/50	PET 600/100	PET 800/100	PET 1000/100
Mechanical Properties										
Min. tensile strength (MD)	EN ISO 10319	kN/m	100	150	200	300	400	600	800	1000
Tensile strength (CMD)	EN ISO 10319	kN/m	50	50	50	50	50	100	100	100
Elongation at minimum strength (MD)	EN ISO 10319	%	10	10	10	10	10	10	10	10
Elongation (CMD)	EN ISO 10319	%	12	12	12	12	12	12	12	12
Min. tensile strength at 5 %	EN ISO 10319	kN/m	50	75	100	150	200	300	400	500
Form of Supply										
Width		m	5	5	5	5	5	5	5	5
Length		m	300	300	300	200	200	150	100	100
Roll weight		kg	420	540	650	600	750	840	780	950

Notes

* MD = Machine Direction / CMD = Cross Machine Direction
 Min: These values are given within the 95% confidence level.
 Other forms of supply are available on request.

For more information, concerning long term design strength, friction behaviour or other product properties please contact Solmax.

The values are average values obtained in our laboratories and in accredited 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 any change without notice at any time. No guarantee or liability can be drawn from the information mentioned herein.

Certification and Accreditation



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