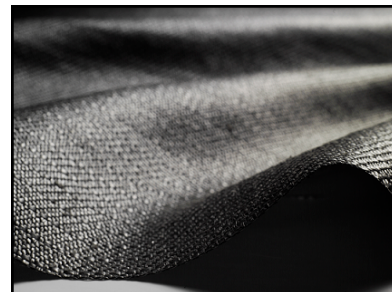


# Geolon PP

Geolon PP woven geotextiles are engineered materials suitable for subgrade stabilization and soil reinforcement applications. They are composed of high modulus polypropylene fibres, assembled to form a structured and stable woven geotextile.



Properties	Test method	Unit	PP 15	PP 25	PP 40	PP 60 C
<b>Mechanical Properties</b>						
Tensile strength (MD*)	EN ISO 10319	kN/m	16	25	40	60
Tensile strength (min)	EN ISO 10319	kN/m	14	22	38	57
Tensile strength (CMD*)	EN ISO 10319	kN/m	16	25	40	60
Tensile strength (min)	EN ISO 10319	kN/m	14	22	37	57
Elongation at minimum strength (MD*)	EN ISO 10319	%	17	15	17	15
Elongation at minimum strength (CMD*)	EN ISO 10319	%	13	11	12	11
Static puncture resistance (CBR)	EN ISO 12236	kN	2.30	3	5	6
Dynamic perforation (cone drop)	EN ISO 13433	mm	19	12	11	10
<b>Hydraulic Properties</b>						
Water permeability normal to the plane ( $\Delta h = 50$ mm)	EN ISO 11058	mm/s	12	7	13	15
Characteristic opening size O90	EN ISO 12956	$\mu\text{m}$	250	250	250	250
<b>Form of Supply</b>						
Width		m	5.2	5.2	5.2	5.2
Length		m	100	100	100	100
Roll weight		kg	60	80	125	165

#### 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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