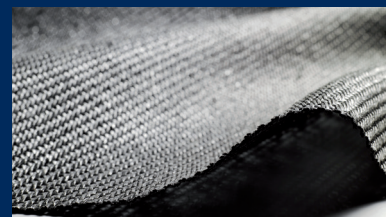


TenCate Geolon® PP

Technical Data

TenCate Geolon® PP woven geotextiles are engineered materials suitable for subgrade stabilisation. They are composed of robust polypropylene fibres, assembled to form a structured and stable woven geotextile.



TenCate Geolon® PP

Properties [Standard]	Unit	PP 15	PP 25	PP 40	PP 60 C	
Mechanical Properties						
Tensile strength [EN ISO 10319]	MD	kN/m	16	25	40	60
	min	kN/m	14	22	38	57
	CD	kN/m	16	25	40	60
	min	kN/m	14	22	37	57
Elongation at minimum strength [EN ISO 10319]	MD	%	17	15	17	15
	CD	%	13	11	12	11
Static puncture resistance (CBR) [EN ISO 12236]		kN	2.3	3.0	5	6
Dynamic perforation (cone drop) [EN ISO 13433]		mm	19	12	11	10
Hydraulic Properties						
Water permeability normal to the plane [EN ISO 11058 - Δh = 50 mm]		l/m ² s (mm/s)	12	7	13	15
Characteristic opening size O ₉₀ [EN ISO 12956]		micron	250	250	250	250
Forms of Supply						
Roll width		m	5.2	5.2	5.2	5.2
Roll length		m	100	100	100	100
Roll weight [indicative]		kg	60	80	125	165

MD = machine direction / CD = cross direction min: These values are given within the 95 % confidence level.

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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Quality - Environment - Safety
ISO 9001
ISO 14001
ISO 45001



TenCate Geosynthetics Austria GmbH,
TenCate Geosynthetics France S.A.S and
TenCate Geosynthetics Netherlands b.v.
are certified for the design, manufacturing
and sales of geotextile and geotextile
related products.

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