

Technical data Landogeo™ PP

PP-woven fabric

Product	PP 15/15	PP 30/30	PP 45/45	PP 60/60	PP 80/80	
Certification	CE	CE	CE	CE	CE	0799-CPR-91

Characteristic properties

Structure and form: Woven fabric made of 100% polypropylene

Mechanical properties

							Norm	
Weight	g/m ²	100	150	230	280	370	nom EN ISO 9864	
Tensile strength	MD	kN/m	20.0	33.0	45.0	60.0	80.0	nom EN ISO 10319
	CMD	kN/m	14.0	33.0	45.0	60.0	80.0	nom EN ISO 10319
Elongation	MD	%	13	13	12	11	12	nom EN ISO 10319
	CMD	%	12	8	10	9	8	nom EN ISO 10319
Static puncture resistance	CBR	kN	2.4	3.5	5.0	6.5	9.0	nom EN ISO 12236
Dynamic puncture test	mm	15.0	12.0	10.0	6.0	4.0	nom EN ISO 13433	

Hydraulic properties

Water permeability (vertical)	µm	200	200	200	200	190	nom EN ISO 12965
Characteristic opening size	l /m ² ·s	19	16	16	16	14	min EN ISO 11058

Delivery form

Width	m	2.10 / 5.20	5.20	5.20	5.20	5.20	
Length	m	100	100	100	100	100	
Area	m ²	210 / 520	520	520	520	520	

Function / Application

Intended function										
Application										

min = minimum values | max = maximum values | nom = nominal values

The values given are average obtained according to internal and external testing. We reserve the right to make changes at any time in accordance with our knowledge, technology and experiences without any notice.