

Geotextile for road construction

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Secutex® R 351 C NGS 5

Nordic and Baltic Countries

Product description: Needle punched and calendered nonwoven geotextile for application in road construction according to NorGeoSpec 2012

Property	Test method*	Unit	R 351 C NGS 5
Raw material	-	-	polypropylene (PP), white
Mass per unit area	EN ISO 9864	g/m ²	∅ 360 (324 - 396)
Thickness	EN ISO 9863-1	mm	1.5
Tensile strength, md**	EN ISO 10319	kN/m	≥ 25.0 ∅ 27.8
Tensile strength, cmd**	EN ISO 10319	kN/m	≥ 27.0 ∅ 30.0
Tensile strength, average md / cmd**	EN ISO 10319	kN/m	≥ 26.0
Tensile strain, md**	EN ISO 10319	%	≥ 36 ∅ 45
Tensile strain, cmd**	EN ISO 10319	%	≥ 36 ∅ 45
Tensile strain, average md / cmd**	EN ISO 10319	%	≥ 36
Cone drop diameter	EN ISO 13433	mm	∅ 10 ≤ 12
Energy Index	-	kN/m	≥ 6.5
Water permeability - VI _{H50} -Index	EN ISO 11058	m/s	2.0 x 10 ⁻²
Opening size	EN ISO 12956	mm	0.06
Static puncture	EN ISO 12236	N	5,000
Product width x length	-	m x m	on request

*based on, **md = machine direction, cmd = cross machine direction


Production Management


Quality Control

The listed technical values are guiding values, achieved in our laboratories and/or independent testing institutes. Our products are subject to changes without prior notice.

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