

Secutex® GRK

Needle punched nonwoven geotextiles for application in road construction.

Description	Unit	Testh method	151 GRK 3	251 GRK 4
Raw material	-	-	PP (white)	PP (white)
Mass per unit area	g/m ²	EN ISO 9864	≥ 150	≥ 250
Thickness	Mm	EN ISO 9863-1	1.8	2.5
Max. tensile strength – MD / CMD	kN/m	EN ISO 10319	≥ 10 / ≥ 10	11.5 / 19
Elongation max strength – MD / CMD	%	EN ISO 10319	50 / 50	50 / 50
Static Puncture	N	EN ISO 12236	1,670	2,780
Displacement at static puncture	mm	EN ISO 12236	30	30
Characteristic opening size	µm	EN ISO 12956	130	100
Water permeability - VH50-Index - Flow rateH50	m/s l/(m ² s)	EN ISO 11058	1.1 x 10 ⁻¹ 110	8.0 x 10 ⁻² 80
Water flow rate in the plane (2 kPa)	(l/m s)	EN ISO 12958	3.0 x 10 ⁻²	3.0 x 10 ⁻²
Detector tested	-	-	Yes	Yes

