



DATA SHEET

N° 10/NG08 - R. 04 - 23/9/2018

Mod. 03 PGSQ 8.5_01 Rev. 00 del 30.06.2017

NGS 2012
NorGeoSpec certified

1071-CPR

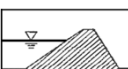
GEO PP 1NG/08

Geo&tex 2000 S.p.A., Via XXV Aprile 3, I-36020 SAN NAZARIO (VI), Italy
Produced in factories SN - CB1 - CB2

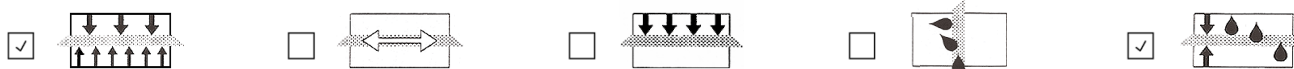
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1071 - CPR - 1970

Non woven Geotextile manufactured from UV-stabilised polypropylene staple fiber, needlepunched and thermocalendered

INTENDED USES:

☒	 EN ISO 13249:2016 Characteristics required for use in the construction of roads and other trafficked areas	☒	 EN ISO 13250:2016 Characteristics required for use in the construction of railways
☒	 EN ISO 13251:2016 Characteristics required for use in earthworks, foundations and retaining structures	☒	 EN ISO 13252:2016 Characteristics required for use in drainage systems
☒	 EN ISO 13253:2016 Characteristics required for use in erosion control works (coastal protection, bank revetments)	☒	 EN ISO 13254:2016 Characteristics required for use in the construction of reservoirs and dams
☒	 EN ISO 13255:2016 Characteristics required for use in the construction of canals	☐	 EN ISO 13256:2016 Characteristics required for use in the construction of tunnels and underground structures
☒	 EN ISO 13257:2016 Characteristics required for use in solid waste disposal	☒	 EN ISO 13265:2016 Characteristics required for use in liquid waste containment projects

FUNCTIONS:



Characteristic	Test Method	Unit	Nominal Value	Tolerance
Mass per unit area	EN ISO 9864	g/m ²	90	-9 / +9
Thickness	EN ISO 9863-1	mm	2 kPa	NPD
Wide-Width tensile strength	EN ISO 10319	kN/m	MD	6,40
			CMD	6,70
			DIAG	NPD
Elongation	EN ISO 10319	%	MD	38,00
			CMD	55,00
			DIAG	NPD
Energy Index	EN ISO 10319	kN/m	≥1,2	NPD
Static puncture resistance	EN ISO 12236	N	1000	-100
Dynamic perforation test	EN ISO 13433	mm	36,0	+ 8,0
Pyramidal puncture resistance	NF G 38019	kN	NPD	NPD
Supported Pyramidal Puncture Resistance	EN 14574	N	NPD	NPD
Characteristic opening size - O90	EN ISO 12956	μm	90	-27 / +27
Permeability normal to the plane	EN ISO 11058	m/s	0,080	-0,024
Long term protection efficiency	EN 13719	%	300 kPa	NPD
			600 kPa	NPD
			1200 kPa	NPD
Water flow capacity in the plane	EN ISO 12958	m ² /s	20 kPa - i=1	NPD
			100 kPa - i=1	NPD
			200 kPa - i=1	NPD
Durability prediction	EN 13249/57:2016, ANNEX B EN 13265:2016, ANNEX B	To be covered within 1 month after installation. Predicted to be durable for more than 100 years in natural soils with 4<ph<9 and soil temperature < 25 °C		
Chemical resistance	EN 14030	Residual strength	MD	>90%
Microbiological resistance	EN 12225	Residual strength	CMD	>90%
			MD	100%
			CMD	100%

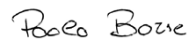
MD : Machine Direction - CMD : Cross Machine Direction - NPD: No performance determined / declared

TOLERANCE ON ROLL WIDTH: ± 3 cm. TOLERANCE ON ROLL LENGTH: ± 2% IF LENGTH ≤ 200 m, ± 1% IF LENGTH > 200 m.

STANDARD CORES: PAPER, DIAMETER INNER 71mm / OUTER 78mm ± 5%.

TECHNICAL DATA BASED ON STATISTIC ANALYSIS ON 95% CONFIDENCE LIMIT. PRESENT DATA SHEET CAN BE MODIFIED WITHOUT PRIOR NOTICE

Production plant codes: SN: 36020 San Nazario, Via XXV Aprile 3 - CB1: 36020 Campolongo Sul Brenta, Via Zannini 128 - CB2: 36020 Campolongo Sul Brenta, Via Giusti 54/56

Date	Issued	COM	Date	Verified	RCQ	Date	Approved	RSGQ
23/09/2018			23/09/2018			23/09/2018		



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