



DATA SHEET

N° 1033/CE - R. A5 - 17/03/2023

Mod. 03 PGSI 8_01 Rev. 00 del 25.11.2022

1071-CPR

GEO PP TC 400

Geo&tex 2000 S.p.A., Via XXV Aprile 3, I-36029 VALBRENTA (VI), Italy

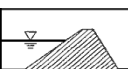
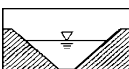
Produced in factories SN - CB1 - CB2

13

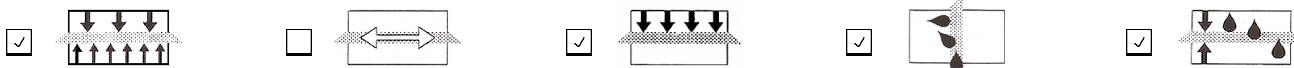
1071 - CPR - 1970

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

INTENDED USES:

☒		EN 13249:2016 Characteristics required for use in the construction of roads and other trafficked areas	☒		EN 13250:2016 Characteristics required for use in the construction of railways
☒		EN 13251:2016 Characteristics required for use in earthworks, foundations and retaining structures	☒		EN 13252:2016 Characteristics required for use in drainage systems
☒		EN 13253:2016 Characteristics required for use in erosion control works (coastal protection, bank revetments)	☒		EN 13254:2016 Characteristics required for use in the construction of reservoirs and dams
☒		EN 13255:2016 Characteristics required for use in the construction of canals	☒		EN 13256:2016 Characteristics required for use in the construction of tunnels and underground structures
☒		EN 13257:2016 Characteristics required for use in solid waste disposal	☒		EN 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	400	-40
Thickness	EN ISO 9863-1	mm	2 kPa 2,00	-0,40
Wide-Width tensile strength	EN ISO 10319	kN/m	MD 30,00 CMD 32,00 DIAG NPD	-3,50 -4,00 NPD
Elongation	EN ISO 10319	%	MD 50,00 CMD 60,00 DIAG NPD	-15 / +15 -20 / +20 NPD
Energy Index	EN ISO 10319	kN/m	8,43	-3,40
Static puncture resistance	EN ISO 12236	N	5200	-520
Dynamic perforation test	EN ISO 13433	mm	11,0	+ 2,0
Pyramidal puncture resistance	NF G 38019	kN	NPD	NPD
Supported Pyramidal Puncture Resistance	EN 14574	N	400	-80
Characteristic opening size - O90	EN ISO 12956	µm	55	-20 / +20
Permeability normal to the plane	EN ISO 11058	m/s	0,020	-0,006
Long term protection efficiency	EN 13719	%	300 kPa 2,10 600 kPa NPD 1200 kPa NPD	NPD NPD NPD
Water flow capacity in the plane	EN ISO 12958	m ² /s	20 kPa - i=1 1,80E-06 100 kPa - i=1 6,00E-07 200 kPa - i=1 2,00E-07	-5,50E-07 -1,80E-07 -6,00E-08
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 CMD	>90% >90%
Microbiological resistance	EN 12225	Residual strength	MD CMD	100% 100%

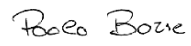
MD : Machine Direction - CMD : Cross Machine Direction - NPD: No performance determined / declared

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: 36029 Valbrenta, Via XXV Aprile 3 - CB1: 36029 Valbrenta, Via Zannini 128 - CB2: 36029 Valbrenta, Via Giusti 54/56

Date	Issued	COM	Date	Verified	RCQ	Date	Approved	RSQ
17/03/2023			17/03/2023			17/03/2023		



Geo&tex 2000 S.p.A., Via XXV Aprile 3, I-36029 VALBRENTA (VI), Italy

Tel. +39 (0)424 98330 - Fax. +39 (0)424 98593

www.geotex2000.com - info@geotex2000.com

