



DATA SHEET

No. 506/CE Revision 00 dated 10/2/2006

Mod. 03 PGQ 5.4_01 Rev. 01 del 03.09.2007



0799-CPD











GEO RPES AG 200

Geo&tex 2000 S.p.A., Via XXV Aprile 3, I-36020 San Nazario (VI) - ITALY

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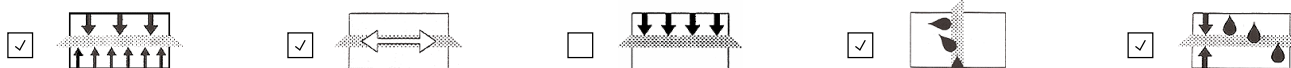
Non woven Geotextile manufactured from polyester fibers, needlepunched

suitable for the following applications:

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

Functions:


F - R - F+R+S - F+S - R+S - F+R

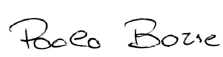


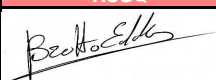
Characteristic	Test Method	Unit		Nominal Value	Tolerance
Mass per unit area	EN ISO 9864	g/m ²		200	± 10%
Thickness	EN ISO 9863-1	mm	2 kPa	1,00	± 20%
Wide-Width Tensile Strength	EN ISO 10319	kN/m	MD	1,00	-0,50
			CMD	1,00	-0,50
Elongation	EN ISO 10319	%	MD	80	± 20
			CMD	90	± 20
Static Puncture Resistance	EN ISO 12236	N		250	-100
Dynamic Perforation Test	EN ISO 13433	mm		45,00	+ 10,00
Characteristic Opening Size	EN ISO 12956	µm		100	± 30
Permeability normal to the Plane	EN ISO 11058	m/s		0,098	-0,026
Long Term Protection Efficiency	EN 13719	%	300 kPa	NR	NR
			600 kPa	NR	NR
			1200 kPa	NR	NR
Water Flow Capacity in the Plane	EN ISO 12958	m ² /s	20 kPa	NR	NR
			100 kPa	NR	NR
			200 kPa	NR	NR
Durability	EN 12224	To be covered within 1 day after installation.Predicted to be durable 5 years in natural soils with 4<ph<9 and soil temperature < 25 °C			
Oxidation Resistance	EN ISO 13438	Residual Strenght	MD	NR	
			CMD	NR	
Chemical Resistance	EN 14030	Residual Strenght	MD	NR	
			CMD	NR	
Microbiological Resistance	EN 12225	Residual Strenght	MD	NR	
			CMD	NR	

MD : Machine Direction - CMD : Cross Machine Direction - NR : Not Required for application

TOLERANCE ON ROLL WIDTH: ± 3 cm. TOLERANCE ON ROLL LENGHT: ± 2% IF LENGHT ≤ 200 m, ± 1% IF LENGHT > 200 m.
 STANDARD CORES: PAPER, DIAMETER INNER 81mm / OUTER 89mm ± 5%. TOLERANCE ON GROSS/NET WEIGHT ± 5%.
 TECNICAL DATA BASED ON STATISTIC ANALYSIS ON 95% CONFIDENCE LIMIT. PRESENT DATA SHEET CAN BE MODIFIED WITHOUT PRIOR NOTICE

Issued	
Date	COM
10/2/2006	

Verified	
Date	RCQ
10/2/2006	

Approved	
Date	RSGQ
10/2/2006	



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