

PRODUCT SPECIFICATIONS

GEOLON®



0799-CPD-21

Woven Polyester Geoproducts

		GEOLON® PET 100	GEOLON® PET 150	GEOLON® PET 150S	GEOLON® PET 200	STANDARD
CONSTRUCTION						
Construction type		woven	woven	woven	woven	
Yarn type length direction		multifil.	multifil.	multifil.	multifil.	
Yarn type cross direction		multifil.	multifil.	multifil.	multifil.	
Colour		white	white	white	white	
MECHANICAL PROPERTIES						
Length direction:						
Tensile strength at 10% elongation	kN/m	100	150	150	200	EN-ISO 10319
Tensile strength at 6% elongation	kN/m	50	75	75	100	EN-ISO 10319
Cross direction:						
Nominal tensile strength	kN/m	50	50	150	50	EN-ISO 10319
Elongation at nominal strength	%	10	10	11	10	EN-ISO 10319
DURABILITY						
Ultra Violet resistance:						
Fluorescent test (50 MJ/m ²)	U.T.S.	>30%	>30%	>30%	>30%	ENV 12224
Classification	class	A	A	A	A	ISO 4892-2
PHYSICAL PROPERTIES						
Mass per unit area	g/m ²	340	390	530	470	EN 965
Thickness (2 kN/m ² pressure)	mm	0,7	0,8	1,1	0,9	EN 964-1
Roll width	m	5,00	5,00	5,00	5,00	
Roll length	m	200	300	200	300	
Roll diameter	m	0,4	0,52	0,5	0,52	
Roll weight	kg	400	645	590	765	
Ten Cate Nicolon code		976	977	978	980	

The technical data are obtained from in- and external test procedures
The above listed geotextiles can be supplied in prefabricated panels.

© GEOLON® is a registered trade mark of Ten Cate Nicolon bv.

© Copyright Ten Cate Nicolon bv, May 2004

Subject to changes. Previously issued data are no longer valid.



Ten Cate Nicolon bv

P.O. Box 236, 7600 AE Almelo, The Netherlands - www.tencate-nicolon.com

Tel: +31 546 544811 Fax: +31 546 544490

PRODUCT SPECIFICATIONS

GEOLON®



0799-CPD-21

Woven Polyester Geoproducts

		GEOLON® PET 300	GEOLON® PET 400	GEOLON® PET 500	STANDARD
CONSTRUCTION					
Construction type		woven	woven	woven	
Yarn type length direction		multifil.	multifil.	multifil.	
Yarn type cross direction		multifil.	multifil.	multifil.	
Colour		white	white	white	
MECHANICAL PROPERTIES					
Length direction:					
Tensile strength at 10% elongation	kN/m	300	400	500	EN-ISO 10319
Tensile strength at 6% elongation	kN/m	150	200	250	EN-ISO 10319
Cross direction:					
Nominal tensile strength	kN/m	50	50	50	EN-ISO 10319
Elongation at nominal strength	%	10	10	10	EN-ISO 10319
DURABILITY					
Ultra Violet resistance:					
Fluorescent test (50 MJ/m ²)	U.T.S.	>30%	>30%	>30%	ENV 12224
Classification	class	A	A	A	ISO 4892-2
PHYSICAL PROPERTIES					
Mass per unit area	g/m ²	660	890	1000	EN 965
Thickness (2 kN/m ² pressure)	mm	1,1	1,3	1,3	EN 964-1
Roll width	m	5,00	5,00	5,00	
Roll length	m	200	200	150	
Roll diameter	m	0,52	0,55	0,55	
Roll weight	kg	720	950	880	
Ten Cate Nicolon code		983	986	989	

The technical data are obtained from in- and external test procedures
The above listed geotextiles can be supplied in prefabricated panels.

© GEOLON® is a registered trade mark of Ten Cate Nicolon bv.

© Copyright Ten Cate Nicolon bv, May 2004

Subject to changes. Previously issued data are no longer valid.



Ten Cate Nicolon bv

P.O. Box 236, 7600 AE Almelo, The Netherlands - www.tencate-nicolon.com

Tel: +31 546 544811 Fax: +31 546 544490

PRODUCT SPECIFICATIONS

GEOLON®



Woven Polyester Geoproducts

		GEOLON® PET 600	GEOLON® PET 800	GEOLON® PET 1000	STANDARD
CONSTRUCTION					
Construction type		woven	woven	woven	
Yarn type length direction		multifil.	multifil.	multifil.	
Yarn type cross direction		multifil.	multifil.	multifil.	
Colour		white	white	white	
MECHANICAL PROPERTIES					
Length direction:					
Tensile strength at 10% elongation	kN/m	600	800	1000	EN-ISO 10319
Tensile strength at 6% elongation	kN/m	300	400	500	EN-ISO 10319
Cross direction:					
Nominal tensile strength	kN/m	100	100	100	EN-ISO 10319
Elongation at nominal strength	%	11	11	11	EN-ISO 10319
DURABILITY					
Ultra Violet resistance:					
Fluorescent test (50 MJ/m ²)	U.T.S.	>30%	>30%	>30%	ENV 12224
Classification	class	A	A	A	ISO 4892-2
PHYSICAL PROPERTIES					
Mass per unit area	g/m ²	1250	1640	2000	EN 965
Thickness (2 kN/m ² pressure)	mm	1,8	2	3	EN 964-1
Roll width	m	5,00	5,00	5,00	
Roll length	m	150	100	100	
Roll diameter	m	0,6	0,55	0,65	
Roll weight	kg	998	880	1115	
Ten Cate Nicolon code		993	996	998	

The technical data are obtained from in- and external test procedures
The above listed geotextiles can be supplied in prefabricated panels.

© GEOLON® is a registered trade mark of Ten Cate Nicolon bv.

© Copyright Ten Cate Nicolon bv, May 2004

Subject to changes. Previously issued data are no longer valid.



Ten Cate Nicolon bv

P.O. Box 236, 7600 AE Almelo, The Netherlands - www.tencate-nicolon.com

Tel: +31 546 544811 Fax: +31 546 544490