



The miracles of science™

PRODUCT SPECIFICATION
DuPont de Nemours (Luxembourg) S.à.r.l.

LX-TK-PS-521-05-SI

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FEATURES
ANTISTATED
CORONA TREATED

PRODUCT: **TYVEK®**
STYLE/NOMINAL BASIS WT.: **L 1073D 75 g/m2**
MERGE: **15081**

CUSTOMER END-USE / MARKET
Graphics/Self-adhesives

PRODUCT UNIT: **MILL ROLL**
EFFECTIVE DATE: **September 2004**

USE EXCEPTIONS:

PROPERTY	UNIT	NOMINAL	OBSERVED VALUES (99.7 % Range)		TEST METHODS Comparable	
			Low	High		
Unit weight	g/m2	75.0	72.0	79.0	DIN EN ISO 536 (96)	1)
Thickness	µm	205	145	275	DIN EN 20534 (93)	2)
Delamination(MD)	N/2.54cm	1.75	1.25	2.25	ASTM D 2724-87	3)
Tensile (MD)	N/2.54cm	205	185	225	DIN EN ISO 1924-2 (95)	4)
Elongation	%		15.5	20.5		
Tensile (XD)	N/2.54 cm	215	190	245	DIN EN ISO 1924-2 (95)	4)
Elongation	%		18	24		
Opacity	%	97.0	95.5	98.5	ISO 2471 (98)	5)
Mullenburst	kPa	1200	1050	1350	ISO 2758 (01)	
Elmendorf (MD)	N	5.90	4.20	7.60	DIN EN 21974 (94)	
Elmendorf (XD)	N	5.90	4.70	7.10	DIN EN 21974 (94)	

NOMENCLATURE:

- 1) Sample size 100 cm2
- 2) Surface 2 cm2, pressure 100kPa
- 3) Modified for: length of delamination= 116mm, width, speed=127mm/min & clamp distance= 60mm
- 4) Modified for: speed= 100mm/min & gauge length= 127 mm
- 5) Modified for : backing standards, measuring area = 50mm & illumination= wide area



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INTERPRETATION

DuPont tested the product characteristics and properties given in this Product Specification through statistical sampling of the product during its manufacture. Mill rolls are sampled uniformly across their width (usually 12 samples/mill roll) to calculate the roll average. Observed value ranges are estimates only for 99.7% of the product based upon roll averages, except for thickness, which is based on individual measuring points. Test method variance (equipment, analyses,.....) is included in the observed values. Other sampling plans and test methods might give different values.

DEFINITIONS

- FEATURES:** Typical descriptonal product characteristics.
- CUSTOMER END-USE:** A generic term for the principal process for which a product is suited.
- MARKET:** A generic term for an ultimate utilization of a product in consumer goods.
- USE EXCEPTION:** A rejected use; a limitation on the utility of a product in some category, phase or aspect within the established customer-use(s) or end-use(s).
- STYLE, MERGE:** Product designations.
- PRODUCT UNIT:** The single quantity or unit of finished product to which nominal and range apply.
- NOMINAL:** The intended numerical value of a property to be achieved by the production process, for every product unit made.
- OBSERVED VALUE:** A particular value of a test result.
- TEST METHOD:** A specific set of apparatus, materials and protocols to produce one test result.



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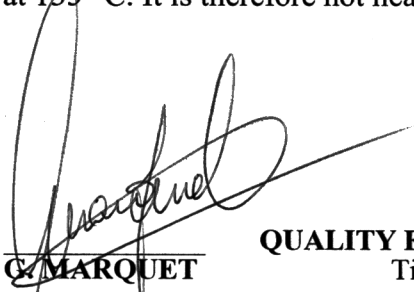


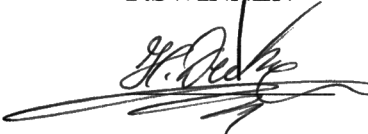
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DuPont is committed to continuously improve its products. Therefore, this Product Specification is subject to revision at regular intervals. For a revised version, please contact your Regional DuPont Representative.

Product safety information is available on request. This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentation. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience becomes available. Since we cannot anticipate all variations in actual end-use conditions, DuPont makes no warranties and assumes no liabilities in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe any patent right.

TYVEK® L 1073D melts at 135° C. It is therefore not heat resistant and not fire resistant.

AUTHORIZATION :

QUALITY ASSURANCE:	 <u>G. MARQUET</u>	QUALITY ENGINEER Title Date
			<i>Sep '04</i>
PROCESS:	 <u>JP FABER</u>	PROCESS SUPERINTENDENT Title Date
			<i>SEP 04</i>
MANUFACTURING:	 <u>P. SWINNEN</u>	MANUFACTURING SUPERINTENDENT Title Date
			<i>22 Sep 04</i>
MARKETING:	 <u>.....</u>	REGIONAL REPRESENTATIVE Date
			<i>Sep. 04</i>