

PRODUCT SPECIFICATION
Du Pont Engineering Products S.à.r.l.
LUXEMBOURG

FEATURES
ANTISTATED
CORONA TREATED

PRODUCT:

TYVEK®

STYLE/NOMINAL BASIS WT.: L 1057D

55 g/m2

MERGE:

15341

CUSTOMER END-USE / END-USE
MAPS/GRAPHICS/DIVERSIFICATION

PRODUCT UNIT:

MILL ROLL

EFFECTIVE DATE:

MARCH 2002

USE EXCEPTIONS:

PROPERTIES	UNIT	NOMINAL	OBSERVED VALUES (99.7 % Range)		TEST METHOD	
			Low	High		
Unit weight	g/m2	55.0	53.0	58.0	DIN EN ISO 536	1)
Thickness	µm	160	100	230	DIN EN 20534	2)
Delamination(MD)	N/2.54 cm	1.6	1.2	2.0	ASTM D2724-87	3)
Opacity	%	96.0	94.0	98.0	ISO 2471	4)
Tensile (MD)	N/2.54 cm	140	120	160	DIN EN ISO 1924-2	5)
Elongation(MD)	%		14	30		
Tensile (XD)	N/2.54 cm	145	120	170	DIN EN ISO 1924-2	5)
Elongation(XD)	%		15	30		
Burst Strength	kPa	830	700	940	ISO 2758	
Elmendorf (MD)	N	4.8	3.4	6.2	DIN EN 21974	
Elmendorf (XD)	N	5.0	3.8	6.3	DIN EN 21974	
Gurley Airperm.	s	22	2	42	ISO 5636/5	
Bendtsen Airperm.	ml/min	670	50	1300	ISO 5636/3	6)

NOMENCLATURE:

- 1) Sample size 100 cm2
 2) Surface = 2 cm2, pressure = 100 kPa
 3) Modified for speed, size and length
 4) Modified for backing standard, measuring area & illumination
 5) Modified for speed and gauge length
 6) dp = 1.5kPa, area = 10 cm²

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INTERPRETATION

The product characteristics and properties given in this Product Specification were determined by DuPont test methods 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 descriptive product characteristics.
CUSTOMER-USE:	A generic term for the principal process for which a product is suited.
END-USE:	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 numerical value of a property intended by the product design, for every product unit.
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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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 1057D melts at 135° C. It is therefore not heat resistant and not fire resistant.

Authorization:

QUALITY ASSURANCE:	 G. MARQUET	QUALITY ENGINEER Title	March '02 Date
PROCESS:	 C. SCHMITZ	PROCESS SUPERINTENDENT Title	21.3.2002 Date
MANUFACTURING:	 P. SWINNEN	MANUFACTURING SUPERINTENDENT Title	21/03/02 Date
MARKETING:	 H. DEGE	REGIONAL REPRESENTATIVE	21/03/02 Date