



*The miracles of science™*

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

LX-TK-PS-514-08-SI

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**FEATURES**  
**UV-STABILIZED**

**PRODUCT:** **TYVEK®**

**STYLE/NOMINAL BASIS WT.:** **L 1560K 58 g/m2**

**MERGE:** **15231**

**CUSTOMER END-USE/MARKET**  
**TOP COVER**

**PRODUCT UNIT:** **Millroll**

**EFFECTIVE DATE:** **January 2007**

**USE EXCEPTIONS:**

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PROPERTY	UNIT	NOMINAL	OBSERVED VALUES (99.7 % Range)		TEST METHOD  Comparable
			Low	High	
Unit weight	g/m2	58.0	55.0	61.0	DIN EN ISO 536 (96) 1)
Thickness	µm	165	100	230	DIN EN ISO 534 (05) 2)
Tensile (MD)	N/5 cm	165	140	190	EN 12311-1 (99) 3)
Elongation	%		7.0	11.0	
Tensile (XD)	N/5 cm	140	115	165	EN 12311-1 (99) 3)
Elongation	%		13	19	
Mullenburst	kPa	520	400	640	ISO 2758 (01)
Tear resistance MD (nail shank)	N	60	50	70	EN 12310-1 (99) 3)
Tear resistance XD (nail shank)	N	60	45	75	EN 12310-1 (99) 3)
Hydrostatic Head	cm H2O	190	170	210	DIN EN 20811(92) 4)
Moisture vapor transmission rate	g/m2/24h	1600	1100	2100	DIN EN ISO 12572 5) climate C
Delamination (MD)	N/2.54 cm	0.35	0.20	0.50	ASTM D2724-03 6)

**NOMENCLATURE:**

- 1) Sample size 100 cm²
- 2) Surface 2 cm², pressure 100 kPa
- 3) Modified for sample preparation before testing as per EN 13859-1 (05) and EN 13859-2 (04)
- 4) Rate of use : 60 cm H2O/min
- 5) Measurement results based on multilayer testing; rH in the cup: 100%; air flow above sample: 2.5m/s, time interval. 30 min.
- 6) Modified for: length of delamination= 116mm, width, speed=127mm/min & clamp distance= 60mm



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**INTERPRETATION**

The product characteristics and properties given in this Product Specification were determined by relevant test methods through statistical sampling of the product following its manufacture. Mill rolls are sampled uniformly across their width (usually 12 samples/mill roll) to calculate the roll average except for thickness, which is based on individual measuring points. Observed value ranges are estimates only for 99.7% of the product based upon roll averages. 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 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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**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 1560K melts at 135° C. It is therefore not heat resistant and not fire resistant.

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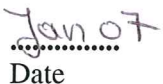
**QUALITY ENGINEER**  
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**JP FABER**

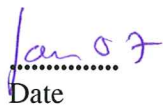
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Title

  
Date

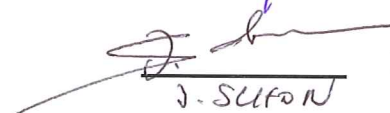
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