

# DUPONT™ TYVEK® 1442R

## PRODUCT PROPERTIES—METRIC UNITS

**Product Features:**  
**Antistatic Treatment**  
**Corona Treated**

### Specification Properties (Metric Units)

Property	Comparable Test Method	Units	Tyvek® 1442R
Basis Weight	DIN EN ISO 536 (96) <sup>1</sup>	g/m <sup>2</sup>	43.0 [41.0–45.0]
Tensile Strength, MD	DIN EN ISO 1924-2 (08) <sup>4</sup>	N	44 [38–50]

Notes: All specification properties are typical values based on mill roll averages, with samples taken uniformly across the sheet.

1. Modified for size: 100 cm<sup>2</sup>

4. Modified for: speed = 100 mm/min, width = 25.4 mm and gauge length = 127 mm

### Miscellaneous Properties (Metric Units)

Property	Comparable Test Method	Units	Tyvek® 1442R
Delamination	ASTM D2724-04 <sup>2</sup>	N	0.25
Thickness	DIN EN ISO 534 (05) <sup>3</sup>	µm	145
Tensile Strength, CD	DIN EN ISO 1924-2 (08) <sup>4</sup>	N	38
Mullenburst	ISO 2758 (01)	kPa	365
Tongue Tear, MD	DIN EN ISO 1924-2 (08) <sup>5</sup>	N	11.2
Tongue Tear, CD	DIN EN ISO 1924-2 (08) <sup>5</sup>	N	11.0

Notes: Miscellaneous properties are typical values based on mill roll averages, unless otherwise noted but are not warranted in any way, expressed or implied. Miscellaneous properties are not controlled in the process and are subject to normal process drift.

MD = machine direction; CD = cross direction.

2. Modified for: result interpretation – length of delamination = 116 mm, width 25.4 mm, speed = 127 mm/min and clamp distance = 60mm

3. Surface 2 cm<sup>2</sup>, pressure 50 kPa

4. Modified for: speed = 100mm/min, width = 25.4mm and gauge length = 127 mm

5. Modified for sample size, speed and expression of results

**For more information about DuPont™ Tyvek®, call us today at 1.800.44.TYVEK**

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# DUPONT™ TYVEK® 1442R

## PRODUCT PROPERTIES—ENGLISH UNITS

**Product Features:**  
**Antistatic Treatment**  
**Corona Treated**

### Specification Properties (English Units)

Property	Comparable Test Method	Units	Tyvek® 1442R
Basis Weight	DIN EN ISO 536 (96) <sup>1</sup>	oz/yd <sup>2</sup>	1.27 [1.21–1.33]
Tensile Strength, MD	DIN EN ISO 1924-2 (08) <sup>4</sup>	lb <sub>f</sub>	9.89 [8.54–11.24]

Notes: All specification properties are typical values based on mill roll averages, with samples taken uniformly across the sheet.

1. Modified for size: 100 cm<sup>2</sup>

4. Modified for: speed = 100 mm/min, width = 25.4 mm and gauge length = 127 mm

### Miscellaneous Properties (English Units)

Property	Comparable Test Method	Units	Tyvek® 1442R
Delamination	ASTM D2724-04 <sup>2</sup>	lb <sub>f</sub>	0.056
Thickness	DIN EN ISO 534 (05) <sup>3</sup>	mils	5.7
Tensile Strength, CD	DIN EN ISO 1924-2 (08) <sup>4</sup>	lb <sub>f</sub>	8.54
Mullenburst	ISO 2758 (01)	psi	52.94
Tongue Tear, MD	DIN EN ISO 1924-2 (08) <sup>5</sup>	lb <sub>f</sub>	2.52
Tongue Tear, CD	DIN EN ISO 1924-2 (08) <sup>5</sup>	lb <sub>f</sub>	2.47

Notes: Miscellaneous properties are typical values based on mill roll averages, unless otherwise noted but are not warranted in any way, expressed or implied. Miscellaneous properties are not controlled in the process and are subject to normal process drift.

MD = machine direction; CD = cross direction.

2. Modified for: result interpretation – length of delamination = 116 mm, width 25.4 mm, speed = 127 mm/min and clamp distance = 60mm

3. Surface 2 cm<sup>2</sup>, pressure 50 kPa

4. Modified for: speed = 100mm/min, width = 25.4mm and gauge length = 127 mm

5. Modified for sample size, speed and expression of results

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