

# DuPont™ Tyvek® 1442R

## Product Properties – Metric Units



Product Features:  
Antistatic Treatment  
Corona Treated

### Product Properties – Metric Units

Property	Test Method	Unit	Typical Values
Basis Weight	DIN EN ISO 536 <sup>1</sup>	g/m <sup>2</sup>	43
Thickness	DIN EN ISO 534 <sup>2</sup>	µm	155
Delamination, MD	ASTM D2724 <sup>3</sup>	N	>0.13
Tensile Strength, MD	DIN EN ISO 1924-2 <sup>4</sup>	N	>30
Tensile Strength, CD	DIN EN ISO 1924-2 <sup>4</sup>	N	>25
Tear Resistance, MD	DIN EN ISO 9073-4 <sup>5</sup>	N	>20
Tear Resistance, CD	DIN EN ISO 9073-4 <sup>5</sup>	N	>12
Hydrostatic Head	AATCC TM127 <sup>6</sup>	cm H <sub>2</sub> O	>35
Mullenburst	DIN EN ISO 2758	kPa	360

Note: Typical values are based on mill roll averages with samples taken uniformly across the sheet

MD = machine direction; CD = cross direction.

1. Sample size: 100 cm<sup>2</sup>
2. Surface 2 cm<sup>2</sup>, pressure 50 kPa
3. Modified for: length of delamination = 116 mm, width = 25.4 mm, speed = 127 mm/min and clamp distance = 60 mm
4. Modified for: width = 25.4 mm, speed = 100 mm/min & gauge length = 127 mm
5. Modified for conditioning
6. Rate of use 60 cm H<sub>2</sub>O/min

For more information, connect with us at: [www.graphics.dupont.com](http://www.graphics.dupont.com)

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## Product Properties – English Units

Product Features:  
Antistatic Treatment  
Corona Treated

### Product Properties – English Units

Property	Test Method	Unit	Typical Values
Basis Weight	DIN EN ISO 536 <sup>1</sup>	oz/yd <sup>2</sup>	1.27
Thickness	DIN EN ISO 534 <sup>2</sup>	mils	>6.1
Delamination, MD	ASTM D2724 <sup>3</sup>	lbf	0.03
Tensile Strength, MD	DIN EN ISO 1924-2 <sup>4</sup>	lbf	6.7
Tensile Strength, CD	DIN EN ISO 1924-2 <sup>4</sup>	lbf	5.6
Tear Resistance, MD	DIN EN ISO 9073-4 <sup>5</sup>	lbf	4.5
Tear Resistance, CD	DIN EN ISO 9073-4 <sup>5</sup>	lbf	2.7
Hydrostatic Head	AATCC TM127 <sup>6</sup>	inch H <sub>2</sub> O	>13.8
Mullenburst	DIN EN ISO 2758	psi	>52.2

Note: Typical values are based on mill roll averages with samples taken uniformly across the sheet

MD = machine direction; CD = cross direction.

1. Sample size: 100 cm<sup>2</sup>

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

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

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

5. Modified for conditioning

6. Rate of use 60 cm H<sub>2</sub>O/min

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