

DuPont™ Tyvek® 1082D

Product Properties – Metric Units



Product Features:
Antistatic Treatment
Corona Treated

Product Properties – Metric Units

Property	Test Method	Unit	Typical Values
Basis Weight	ASTM D3776 ¹	g/m ²	105
Delamination	ASTM D2724 ²	N	>1.2
Elmendorf Tear, MD	EN 21974	N	>4.5
Elmendorf Tear, CD	EN 21974	N	>4.5
Tensile Strength, MD	EN 1924-2 ³	N	>255
Tensile Strength, CD	EN 1924-2 ³	N	>270
Elongation, MD	EN 1924-2 ³	%	21
Elongation, CD	EN 1924-2 ³	%	22.5
Thickness	DIN EN ISO 534 ⁴	µm	275
Opacity	ISO 2471 ⁵	%	98
Mullenburst	ISO 2758	kPa	1750

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 929.03 cm², modified for conditioning
2. Modified for: width = 25.4mm and speed = 127 mm/min
3. Modified for: speed = 100mm/min and gauge length = 127mm, width = 25.4mm
4. Surface 2 cm², pressure 50 kPa
5. Modified for: backing standards, measuring area and illumination = wide area

For more information, connect with us at: www.graphics.dupont.com

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DuPont™ Tyvek® 1082D

Product Properties – English Units

Product Features:
Antistatic Treatment
Corona Treated

Product Properties – English Units

Property	Test Method	Unit	Typical Values
Basis Weight	ASTM D3776 ¹	oz/yd ²	3.1
Delamination	ASTM D2724 ²	lbf	>0.27
Elmendorf Tear, MD	EN 21974	lbf	>1.01
Elmendorf Tear, CD	EN 21974	lbf	>1.01
Tensile Strength, MD	EN 1924-2 ³	lbf	>57.3
Tensile Strength, CD	EN 1924-2 ³	lbf	>60.7
Elongation, MD	EN 1924-2 ³	%	21
Elongation, CD	EN 1924-2 ³	%	22.5
Thickness	DIN EN ISO 534 ⁴	mils	10.8
Opacity	ISO 2471 ⁵	%	98
Mullenburst	ISO 2758	psi	253.8

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 929.03 cm², modified for conditioning
2. Modified for: width = 25.4mm and speed = 127 mm/min
3. Modified for: speed = 100mm/min and gauge length = 127mm, width = 25.4mm
4. Surface 2 cm², pressure 50 kPa
5. Modified for: backing standards, measuring area and illumination = wide area

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