

DuPont™ Tyvek® 1082D

Product Properties—Metric Units

Product Features:
Antistatic Treatment
Corona Treated

Specification Properties (Metric Units)

Property	Comparable Test Method	Units	Tyvek® 1082D
Basis Weight	DIN EN ISO 536 (96) ¹	g/m ²	105.0 [101.0–109.0]
Delamination	ASTM 2724-07 ²	N	1.7 [1.2–2.2]

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

1. Modified for size: 100 cm²
2. Modified for: result interpretation – length of delamination = 116 mm, width 25.4 mm, speed = 127 mm/min and clamp distance = 60 mm

Miscellaneous Properties (Metric Units)

Property	Comparable Test Method	Units	Tyvek® 1082D
Thickness	DIN EN ISO 534 (05) ³	µm	275
Opacity	ISO 2471 (98) ⁴	%	> 97
Tensile Strength, MD	DIN EN ISO 1924-2 (08) ⁵	N	280
Tensile Strength, CD	DIN EN ISO 1924-2 (08) ⁵	N	315
Elmendorf Tear, MD	DIN EN 21974 (94)	N	8.0
Elmendorf Tear, CD	DIN EN 21974 (94)	N	7.4

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.

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

MD = machine direction; CD = cross direction.

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

Specification Properties (English Units)

Property	Comparable Test Method	Units	Tyvek® 1082D
Basis Weight	DIN EN ISO 536 (96) ¹	oz/yd ²	3.10 [2.98–3.22]
Delamination	ASTM 2724-07 ²	lb _f	0.382 [0.267–0.495]

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

1. Modified for size: 100 cm²
2. Modified for: result interpretation – length of delamination = 116 mm, width 25.4 mm, speed = 127 mm/min and clamp distance = 60 mm

Miscellaneous Properties (English Units)

Property	Comparable Test Method	Units	Tyvek® 1082D
Thickness	DIN EN ISO 534 (05) ³	mils	10.8
Opacity	ISO 2471 (98) ⁴	%	> 97
Tensile Strength, MD	DIN EN ISO 1924-2 (08) ⁵	lb _f	62.95
Tensile Strength, CD	DIN EN ISO 1924-2 (08) ⁵	lb _f	70.81
Elmendorf Tear, MD	DIN EN 21974 (94)	lb _f	1.80
Elmendorf Tear, CD	DIN EN 21974 (94)	lb _f	1.66

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.

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

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