

DuPont™ Tyvek® 8740DL

Product Properties—Metric Units

Product Features:
Antistatic Treatment
Corona Treated

Specification Properties (Metric Units)

| Property | Comparable Test Method | Units | Tyvek® 8740DL |
|--------------|----------------------------------|------------------|---------------------|
| Basis Weight | DIN EN ISO 536 (96) ¹ | g/m ² | 68.0 [65.0–71.0] |
| Delamination | ASTM D2724-07 ² | N | 1.0 [0.7–1.3] |

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® 8740DL |
|----------------------|-------------------------------------|-------|---------------|
| Thickness | DIN EN ISO 534 (05) ³ | µm | 205 |
| Opacity | ISO 2471 (98) ⁴ | % | 98.5 |
| Tensile Strength, MD | DIN EN ISO 1924-2 (08) ⁵ | N | 145 |
| Tensile Strength, CD | DIN EN ISO 1924-2 (08) ⁵ | N | 152 |
| Elongation, MD | DIN EN ISO 1924-2 (08) ⁵ | % | 11.5–17.0 |
| Elongation, CD | DIN EN ISO 1924-2 (08) ⁵ | % | 14.0–20.0 |
| Mullenburst | ISO 2758 (01) | kPa | 850 |
| Elmendorf Tear, MD | DIN EN 21974 (94) | N | 9.8 |
| Elmendorf Tear, CD | DIN EN 21974 (94) | N | 8.3 |

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.

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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DuPont™ Tyvek® 8740DL

Product Properties—English Units

Product Features:
Antistatic Treatment
Corona Treated

Specification Properties (English Units)

| Property | Comparable Test Method | Units | Tyvek® 8740DL |
|--------------|----------------------------------|--------------------|-----------------------|
| Basis Weight | DIN EN ISO 536 (96) ¹ | oz/yd ² | 2.01 [1.92–2.09] |
| Delamination | ASTM D2724-03 ² | lb _f | 0.225 0.157–0.292] |

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® 8740DL |
|----------------------|-------------------------------------|-----------------|---------------|
| Thickness | DIN EN ISO 534 (05) ³ | mils | 8.1 |
| Opacity | ISO 2471 (98) ⁴ | % | 98.5 |
| Tensile Strength, MD | DIN EN ISO 1924-2 (08) ⁵ | lb _f | 32.6 |
| Tensile Strength, CD | DIN EN ISO 1924-2 (08) ⁵ | lb _f | 34.17 |
| Elongation, MD | DIN EN ISO 1924-2 (08) ⁵ | % | 11.5–17.0 |
| Elongation, CD | DIN EN ISO 1924-2 (08) ⁵ | % | 14.0–20.0 |
| Mullenburst | ISO 2758 (01) | psi | 123.3 |
| Elmendorf Tear, MD | DIN EN 21974 (94) | lb _f | 2.20 |
| Elmendorf Tear, CD | DIN EN 21974 (94) | lb _f | 1.87 |

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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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