

Mirafi[®] 135N



Mirafi[®] 135N is a needlepunched nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. Mirafi[®] 135N is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas Laboratories are accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

| Mechanical Properties | Test Method | Unit | Minimum Average Roll Value | |
|------------------------------|-------------|---|----------------------------|----------|
| | | | MD | CD |
| Grab Tensile Strength | ASTM D4632 | lbs (N) | 80 (356) | 80 (356) |
| Grab Tensile Elongation | ASTM D4632 | % | 50 | 50 |
| Trapezoid Tear Strength | ASTM D4533 | lbs (N) | 30 (134) | 30 (134) |
| CBR Puncture Strength | ASTM D6241 | lbs (N) | 175 (79) | |
| | | | Maximum Opening Size | |
| Apparent Opening Size (AOS) | ASTM D4751 | U.S. Sieve (mm) | 50 (0.30) | |
| | | | Minimum Roll Value | |
| Permittivity | ASTM D4491 | sec ⁻¹ | 2.1 | |
| Flow Rate | ASTM D4491 | gal/min/ft ² (l/min/m ²) | 155 (6315) | |
| | | | Minimum Test Value | |
| UV Resistance (at 500 hours) | ASTM D4355 | % strength retained | 70 | |

| Physical Properties | Unit | Roll Sizes | |
|----------------------------------|-----------------------------------|------------------------|----------------------|
| Roll Dimensions (width x length) | ft (m) | 12.5 x 360 (3.8 x 110) | 15 x 360 (4.5 x 110) |
| Roll Area | yd ² (m ²) | 500 (418) | 600 (502) |

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