

# Mirafi<sup>®</sup> MPV700



Mirafi<sup>®</sup> MPV700 is a heat-set polypropylene nonwoven geotextile specifically designed for asphalt overlay applications. Mirafi<sup>®</sup> MPV700 is inert to biological degradation and resistant to 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 |
|------------------------------|-------------|---|----------------------------|
| Grab Tensile Strength        | ASTM D4632  | lbs (N)                                 | 150 (668)                  |
| Grab Tensile Elongation      | ASTM D4632  | %                                       | 50                         |
| Mass/Unit Area               | ASTM D5261  | oz/yd <sup>2</sup> (g/m <sup>2</sup> )  | 6.0 (203)                  |
|                              |             |   | <b>Minimum Test Value</b>  |
| Asphalt Retention            | ASTM D6140  | gal/yd <sup>2</sup> (l/m <sup>2</sup> ) | ≥ 0.25 (1.14)              |
| Melting Point <sup>1</sup>   | ASTM D276   | F° (C°)                                 | 325 (163)                  |
| UV Resistance (at 500 hours) | ASTM D4355  | % strength retained                     | 70                         |

<sup>1</sup> Based on Peak Temperature results from TRI.

| Physical Properties   | Unit                              | Typical Value <sup>2</sup> |
|-----------------------|-----------------------------------|----------------------------|
| Roll Width            | ft (m)                            | 12.5 (3.8)                 |
| Roll Length           | ft (m)                            | 360 (110)                  |
| Roll Area             | yd <sup>2</sup> (m <sup>2</sup> ) | 500 (418)                  |
| Estimated Roll Weight | lbs (kg)                          | 222 (101)                  |

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