



**PETROMAT**<sup>®</sup> 4598 is a nonwoven polypropylene geotextile produced by Propex, and will meet the following Minimum Average Roll Values (MARV) when tested in accordance with the methods listed below.

**PETROMAT 4598** is used as a moisture barrier and stress absorbing interlayer beneath asphalt overlay or a chip seal and exceeds AASHTO M288 requirements for paving fabric<sup>1</sup>. This product NTPEP approved for AASHTO standards.

**PETROMAT 4598** conforms to the property values listed below<sup>2</sup>. Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP). This product is NTPEP approved for AASHTO standards.

MARV<sup>3</sup>

| PROPERTY                               | TEST METHOD | ENGLISH                  | METRIC               |
|--|-------------|--------------------------|----------------------|
| <b>ORIGIN OF MATERIALS</b>             |             |                          |                      |
| % U.S. Manufactured Inputs             |             | 100%                     | 100%                 |
| % U.S. Manufactured                    |             | 100%                     | 100%                 |
| <b>PHYSICAL</b>                        |             |                          |                      |
| Mass/ Unit Area                        | ASTM D-5261 | 4.1 oz/yd <sup>2</sup>   | 140 g/m <sup>2</sup> |
| <b>MECHANICAL</b>                      |             |                          |                      |
| Grab Tensile Strength                  | ASTM D-4632 | 101 lbs                  | 450 N                |
| Grab Elongation                        | ASTM D-4632 | 50%                      | 50%                  |
| Asphalt Retention                      | ASTM D-6140 | 0.20 gal/yd <sup>2</sup> | 0.9 l/m <sup>2</sup> |
| Melting Point                          | ASTM D-276  | 320 °F                   | 160 °C               |
| <b>ENDURANCE</b>                       |             |                          |                      |
| UV Resistance<br>% Retained at 150 hrs | ASTM D-4355 | 70%                      | 70%                  |

**NOTES:**

1. Propex suggests that the minimum temperature of the asphalt overlay be 280 °F during installation.
2. The property values listed above are effective 04/2011 and are subject to change without notice.
3. Values shown are in weaker principal direction. Minimum average roll values (MARV) are calculated as the typical minus two standard deviations. Statistically, it yields a 97.7% degree of confidence that any samples taken from quality assurance testing will exceed the value reported.



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