

PRODUCT DATA SHEET

PETROMAT® 4598

PETROMAT 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 meets AASHTO M288 requirements for paving fabric.

PETROMAT 4598 conforms to the property values listed below¹. Propex performs internal Manufacturing Quality Control (MQC) tests that have been accredited by the Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

PROPERTY	TEST METHOD	MARV ²	
		ENGLISH	METRIC
Physical			
Mass/Unit Area	ASTM D-5261	4.1 oz/yd ²	140 g/m ²
Mechanical			
Grab Tensile Strength	ASTM D-4632	101 lbs	450 N
Grab Elongation	ASTM D-4632	50%	50%
Mullen Burst	ASTM D-3786	200 psi	1370 kPa
Asphalt Retention	ASTM D-6140	0.20 gal/yd ²	0.90 l/m ²
Endurance			
UV Resistance (% retained @150 hrs)	ASTM D-4355	70%	70%

NOTES:

1. The property values listed above are effective 08/2006 and are subject to change without notice.
2. Values reported 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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