

# Mirafi<sup>®</sup> MPM50 (PGM-50)



Mirafi<sup>®</sup> MPM50 (PGM-50) is constructed of high strength glass filaments bonded to a polyester fabric. Mirafi<sup>®</sup> MPM50 (PGM-50) was especially developed for the rehabilitation of asphalt roads.

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

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value
Tensile Strength @ 0°	ASTM 5035 <sup>1</sup>	lbf/in	280
Tensile Strength @ 90°			280
Tensile Elongation		%	< 5
			<b>Minimum Test Value</b>
Melting Point	ASTM D276	F° (C°)	450° (232°)
Asphalt Retention	ASTM D6140	gal/yd <sup>2</sup>	0.12
Mass/Unit Area	ASTM D5261	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	7.0 (327)

Physical Properties	Unit	Roll Characteristics	
Roll Dimensions (width x length)	ft	10 x 315	12.5 x 250
Roll Area	yd <sup>2</sup>	350	347
Estimated Roll Weight	lbs	164	163

<sup>1</sup> Three (3) Fiberglass Yarns must be included in width of sample tested Tensile Elongation is measured with an extensometer to provide accurate results. Section 11.7 allows for coating of specimen to reduce slippage and jaw breaks during testing. ASTM test method D5035 is a small sample index test (one-inch square jaws) used for quality control testing and is reported in lbf/in based on 1" sample.

<sup>2</sup> Based on third party testing by TRI.

**Disclaimer:** TenCate assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. TenCate disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

Mirafi<sup>®</sup> is a registered trademark of Nicolon Corporation.

Copyright © 2015 Nicolon Corporation. All Rights Reserved.