

Mirafi[®] PGM-G⁴

Mirafi[®] PGM-G⁴ is a 100% polypropylene filament nonwoven fabric, reinforced by mechanically bonded multi-axial network of reinforcing glass filaments. Mirafi[®] PGM-G⁴ was especially developed for the rehabilitation of asphalt roads.

TenCate Geosynthetics Americas Laboratories are accredited by a2La (The American Association for Laboratory Accreditation) and Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value
Tensile Strength @ 0°	ASTM D6637 Method A modified	lbs/in (kN/m)	459 (80)
Tensile Strength @ 90°			459 (80)
Tensile Strength @ 45°			459 (80)
Tensile Strength @ -45°			459 (80)
Tensile Elongation		%	< 3
Melting Point	ASTM D276	F° (C°)	Glass filaments are incombustible and temperature resistant up to 752° (400°)
Asphalt Retention	ASTM D6140	gal/yd ² (l/m ²)	0.17 (0.8)
Mass/Unit Area	ASTM D5261	oz/yd ² (g/m ²)	18.8 (637)
Glass by Weight		%	85

Physical Properties	Unit	Roll Characteristics	
Roll Dimensions (width x length)	ft (m)	6.25 x 300 (1.9 x 94.1)	12.5 x 150 (3.8 x 45.7)
Roll Area	yd ² (m ²)	208 (174)	
Estimated Roll Weight	lbs (kg)	245 (111)	

© 2013 TenCate Geosynthetics Americas
Mirafi[®] is a registered trademark of Nicolon Corporation

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.

Asphalt Retention (ASTM D6140), Melting Point (ASTM D276), and Glass by Weight are not covered by our current A2LA accreditation.



365 South Holland Drive
Pendergrass, GA 30567

Tel 706 693 2226
Tel 888 795 0808

Fax 706 693 4400
www.tencate.com

FGS000746
ETQR3

