

Mirafi[®] PGM-G 100/100

This is to certify that Mirafi[®] PGM-G 100/100 is a 100% polypropylene filament nonwoven fabric, reinforced by mechanically bonded bi-axial network of reinforcing glass filaments. Mirafi[®] PGM-G 100/100 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	Average Roll Value
Tensile Strength @ 0°	ASTM D6637 Method A	lbs/in (kN/m)	655 (115)
Tensile Strength @ 90°			655 (115)
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)	0.27 (1.2)
Mass/Unit Area	ASTM D5261	oz/yd ² (g/m ²)	20.0 (678)
Glass by Weight		%	77.4

Physical Properties	Unit	Roll Characteristics	
Grid Aperture Size	in (mm)	1.5 (38.1)	1.5 (38.1)
Roll Dimensions (width x length)	ft (m)	6.25 x 300 (1.9 x 91)	12.5 x 150 (3.8 x 45.7)
Roll Area	yd ² (m ²)	208 (174)	
Estimated Roll Weight	lbs (kg)	260 (169)	

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



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GAI-LAP-25-97



Testing Lab 1291.01 & 1291.02