

Mirafi[®] MPG⁴ (PGM-G⁴)

Mirafi[®] MPG⁴ (PGM-G⁴) is a 100% polypropylene filament nonwoven fabric, reinforced by mechanically bonded multi-axial network of reinforcing glass filaments. Mirafi[®] MPG⁴ (PGM-G⁴) 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	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
Mass/Unit Area	ASTM D5261	oz/yd ² (g/m ²)	16.6 (563)

Minimum Test Value

Melting Point ¹	ASTM D276	F° (C°)	Glass filaments are incombustible and temperature resistant up to 1472° (800°)
Asphalt Retention	ASTM D6140	gal/yd ² (l/m ²)	0.17 (0.8)
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)	228 (103)	

¹ Melting Point for Fiberglass

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