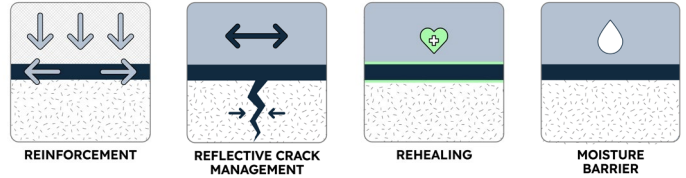


# PETROMAT MPG<sup>4</sup>-100



PETROMAT® MPG<sup>4</sup>-100 is a 100% polypropylene filament nonwoven fabric, reinforced by mechanically bonded multi-axial network of reinforcing glass filaments. PETROMAT MPG<sup>4</sup>-100 was especially developed for the rehabilitation of asphalt roads. TenCate Geosynthetics Americas (A Solmax Company) is accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program ([GAI-LAP](#)).

MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM AVERAGE ROLL VALUE	
Tensile Strength @ 0°	ASTM D6637 A modified	lbs/in (kN/m)	570 (100)	
Tensile Strength @ 90°	ASTM D6637 A modified	lbs/in (kN/m)	570 (100)	
Tensile Strength @ 45°	ASTM D6637 A modified	lbs/in (kN/m)	570 (100)	
Tensile Strength @ -45°	ASTM D6637 A modified	lbs/in (kN/m)	570 (100)	
Tensile Elongation	ASTM D6637 A modified	%	<5	

PHYSICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM TEST VALUE	
Melting Point <sup>1</sup>	ASTM D276	F° (C°)	1472°	(800°)
Asphalt Retention Glass by Weight	ASTM D6140	gal/yd <sup>2</sup> (l/m <sup>2</sup> ) %	0.23	(1.0) 90

			TYPICAL VALUE	
Mass/Unit Area	ASTM D5261	Oz/yd <sup>2</sup> (g/m <sup>2</sup> )	23.3 (790)	(3.8 x 45.7)

			ROLL SIZE	
Roll Dimensions (width x length)		ft (m)	12.5 x 150	(3.8 x 45.7)
Roll Area		yd <sup>2</sup> (m <sup>2</sup> )	208 (174)	
Estimated Roll Weight		lbs (kg)	328 (149)	

NOTES:

<sup>1</sup>Melting point for Fiberglass. Glass Filaments are incombustible and temperature resistant at stated value.

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