



Mirafi[®] MPG⁴-100

Mirafi[®] MPG⁴-100 is a 100% polypropylene filament nonwoven fabric, reinforced by mechanically bonded multi-axial network of reinforcing glass filaments. Mirafi[®] MPG⁴-100 was especially developed for the rehabilitation of asphalt roads.

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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
			TYPICAL VALUE
Mass/Unit Area	ASTM D5261	Oz/yd ² (g/m ²)	23.3 (790)
			MINIMUM TEST VALUE
Melting Point ¹	ASTM D276	F° (C°)	1472° (800°)
Asphalt Retention	ASTM D6140	gal/yd ² (l/m ²)	0.23 (1.0)
Glass by Weight		%	90
PHYSICAL PROPERTIES		UNIT	ROLL SIZE
Roll Dimensions (width x length)		ft (m)	12.5 x 150 (3.8 x 45.7)
Roll Area		yd ² (m ²)	208 (174)
Estimated Roll Weight		lbs (kg)	328 (149)

NOTES:

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

U.S. Patent: 10,794,012

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