



Mirafi[®] MPG⁴

Mirafi[®] MPG⁴ is a 100% polypropylene filament nonwoven fabric, reinforced by mechanically bonded multi-axial network of reinforcing glass filaments. Mirafi[®] MPG⁴ 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	MINIMUM AVERAGE ROLL VALUE	
Tensile Strength @ 0°	ASTM 6637 A modified	lbs/in (kN/m)	345 (60)	
Tensile Strength @ 90°	ASTM 6637 A modified	lbs/in (kN/m)	345 (60)	
Tensile Strength @ 45°	ASTM 6637 A modified	lbs/in (kN/m)	345 (60)	
Tensile Strength @ -45°	ASTM 6637 A modified	lbs/in (kN/m)	345 (60)	
Elongation	ASTM 6637 A modified	%	<5	
TYPICAL VALUE				
Mass/Unit Area	ASTM D5261	Oz/yd ² (g/m ²)	16.6 (563)	
MECHANICAL PROPERTIES	TEST METHOD	UNIT	MINIMUM TEST VALUE	
Melting Point ¹	ASTM D276	F° (C°)	1472°	(800°)
Asphalt Retention	ASTM D6140	gal/yd ² (l/m ²)	0.17	(0.8)
Glass by Weight		%	85	
PHYSICAL PROPERTIES		UNIT	TYPICAL ROLL VALUE	
Roll Dimensions (width x length)		ft (m)	10 x 150 (3.05 x 94.1)	12.5 x 150 (3.8 x 45.7)
Roll Area		yd ² (m ²)	167 (140)	208 (174)
Estimated Roll Weight		lbs (kg)	228 (103)	269 (122)
Label Roll Color			WHITE	

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

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