

# Mirafi<sup>®</sup> MPV700



Mirafi<sup>®</sup> MPV700 is a heat-set polypropylene nonwoven geotextile specifically designed for asphalt overlay applications. Mirafi<sup>®</sup> MPV700 is inert to biological degradation and resistant to naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas Laboratories are accredited by Geosynthetic Accreditation Institute – Laboratory Accreditation Program (GAI-LAP).

Mechanical Properties	Test Method	Unit	Minimum Average Roll Value
Grab Tensile Strength	ASTM D4632	lbs (N)	150 (668)
Grab Tensile Elongation	ASTM D4632	%	50
Mass/Unit Area	ASTM D5261	oz/yd <sup>2</sup> (g/m <sup>2</sup> )	6.0 (203)
			<b>Minimum Test Value</b>
Asphalt Retention	ASTM D6140	gal/yd <sup>2</sup> (l/m <sup>2</sup> )	≥ 0.25 (1.14)
Melting Point <sup>1</sup>	ASTM D276	F° (C°)	325 (163)
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70

<sup>1</sup> Based on Peak Temperature results from TRI.

Physical Properties	Unit	Typical Value <sup>2</sup>
Roll Width	ft (m)	12.5 (3.8)
Roll Length	ft (m)	360 (110)
Roll Area	yd <sup>2</sup> (m <sup>2</sup> )	500 (418)
Estimated Roll Weight	lbs (kg)	222 (101)

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365 South Holland Drive  
Pendergrass, GA 30567

Tel 706 693 2226  
Tel 888 795 0808

Fax 706 693 4400  
[www.tencate.com](http://www.tencate.com)

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