



Mirafi[®] IR16

Mirafi[®] IR16 is a nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. IR16 is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

Mechanical Properties	Test Method	Unit	Typical Roll Value	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	415 (1847)	415 (1847)
Grab Tensile Elongation	ASTM D4632	%	60	60
CBR Puncture Strength	ASTM D6241	lbs (N)	1000 (4450)	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	70	

Physical Properties	Unit	Typical Value
Weight (ASTM D5261)	oz/yd ² (g/m ²)	16.0 (542)
Thickness (ASTM D5199)	mils (mm)	175 (4.4)
Roll Dimensions (width x length)	m (ft)	15 x 300 (4.5 x 91.4)
Roll Area	yd ² (m ²)	500 (418)
Estimated Roll Weight	lb (kg)	500 (227)

Disclaimer: TenCate assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. TenCate disclaims any and all express, implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice.

© 2012 TenCate Geosynthetics Americas
 Mirafi[®] is a registered trademark of Nicolon Corporation

