

Mirafi[®] IRC10

Mirafi[®] IRC10 is a nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. Mirafi[®] IRC10 is inert to biological degradation and resists 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	Typical Roll Value	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	260 (1157)	260 (1157)
Grab Tensile Elongation	ASTM D4632	%	70	70
CBR Puncture Strength	ASTM D6241	lbs (N)	690 (3071)	
Trapezoidal Tear Strength	ASTM D4533	lbs (N)	90 (401)	110 (490)
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	80	

Physical Properties	Test Method	Unit	Typical Value	
Weight	ASTM D5261	oz/yd ² (g/m ²)	10.5 (356)	
Thickness	ASTM D5199	mils (mm)	75 (1.9)	
Roll Dimensions (width x length)		ft (m)	15 x 150 (4.5 x 45.7)	15 x 300 (4.5 x 91.4)
Roll Area		yd ² (m ²)	250 (209)	500 (418)
Estimated Roll Weight		lb (kg)	174 (79)	348 (158)

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.

Mirafi[®] is a registered trademark of Nicolon Corporation.

Copyright © 2015 Nicolon Corporation. All Rights Reserved.

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. Mirafi® IR16 is inert to biological degradation and resists 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	Typical Roll Value	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	425 (1891)	450 (2003)
Grab Tensile Elongation	ASTM D4632	%	70	70
CBR Puncture Strength	ASTM D6241	lbs (N)	1050 (4673)	
Trapezoidal Tear Strength	ASTM D4533	lbs (N)	140 (623)	170 (757)
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)	ft (m)	15 x 150 (4.5 x 45.7)	15 x 300 (4.5 x 91.4)
Roll Area	yd ² (m ²)	250 (209)	500 (418)
Estimated Roll Weight	lb (kg)	250 (114)	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.

Mirafi® is a registered trademark of Nicolon Corporation.

Copyright © 2014 Nicolon Corporation. All Rights Reserved.

365 South Holland Drive
Pendergrass, GA 30567

Tel 706 693 2226
Tel 888 795 0808

Fax 706 693 4400
www.tencate.com

FGS000702
ETQR17



GAI-LAP-25-97

Mirafi[®] IR26

Mirafi[®] IR26 is a nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. Mirafi[®] IR26 is inert to biological degradation and resists 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	Typical Value	
			MD	CD
Grab Tensile Strength	ASTM D4632	lbs (N)	680 (3026)	640 (2848)
Grab Tensile Elongation	ASTM D4632	%	63	97
Trapezoid Tear Strength	ASTM D4533	lbs (N)	254 (1130)	287 (1277)
Puncture Strength	ASTM D4833	lbs (N)	417 (1856)	
Apparent Opening Size (AOS) ¹	ASTM D4751	U.S. Sieve (mm)	140 (0.11)	
Permittivity	ASTM D4491	sec ⁻¹	0.56	
Permeability	ASTM D4491	cm/sec	0.30	
Flow Rate	ASTM D4491	gal/min/ft ² (l/min/m ²)	41 (1670)	
UV Resistance (at 500 hours)	ASTM D4355	% strength retained	80	

¹ ASTM D4751: AOS is a Maximum Opening Diameter Value

Physical Properties	Test Method	Unit	Typical Value
Weight	ASTM D5261	oz/yd ² (g/m ²)	26.0 (881)
Thickness	ASTM D5199	mils (mm)	261 (6.6)
Roll Dimensions (width x length)		ft (m)	13 x 150 (3.96 x 46)
Roll Area		yd ² (m ²)	217 (181)
Estimated Roll Weight		lb (kg)	353 (160)

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

365 South Holland Drive
Pendergrass, GA 30567

Tel 706 693 2226
Tel 888 795 0808

Fax 706 693 4400
www.tencate.com

FGS000427
ETQR16



GAI-LAP-25-97