



REINFORCING
SUCCESS

PRODUCT DATA SHEET WINFAB 2199



WINFAB 2199 is manufactured using high tenacity polypropylene yarns that are woven to form a dimensionally stable network, which allows the yarns to maintain their relative position.

WINFAB 2199 resists ultraviolet deterioration, rotting, and biological degradation and is inert to commonly encountered soil chemicals.

PROPERTY	TEST METHOD	MARV ENGLISH	MARV METRIC
Tensile Strength (Grab)	ASTM D4632	400 x 300 lbs	1,779 x 1,334.5 N
Elongation (Grab)	ASTM D4632	15% x 15%	15% x 15%
Trapezoidal Tear Strength	ASTM D4533	100 x 100 lbs	445 x 445 N
CBR Puncture	ASTM D6241	950 lbs	4,228 N
Wide Width Tensile	ASTM D4595	2,700 x 2,300 lbs/ft	39.4 x 33.56 kN/m
UV Resistance (500 hrs)	ASTM D4355	90%	90%
Apparent Opening Size*	ASTM D4751	70 US Std. Sieve	0.212 mm
Percent Open Area (POA)	COE-02215	4%	4%
Permittivity	ASTM D4491	.28 sec ⁻¹	.28 sec ⁻¹
Permeability	ASTM D4491	.01 cm/sec	.01 cm/sec
Water Flow Rate	ASTM D4491	18 gpm/ft ²	733 lpm/m ²

*Maximum Average Roll Valve

PROPERTY	TEST METHOD	TYPICAL ENGLISH	TYPICAL METRIC
Roll Dimensions	Measured	6 ft x 300 ft 12 ft x 300 ft	1.83 m x 91.5 m 3.65 m x 91.5 m
Roll Area	Measured	200 yd ² 400 yd ²	167 m ² 334 m ²

Disclaimer: WINFAB assumes no liability for the completeness or accuracy of this information or the ultimate use of this information. WINFAB disclaims any and all implied, expressed, or statutory standards, guarantees, or warranties. This includes 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 equipment, materials, or information furnished herewith. This document should not be construed as engineering advice. Always consult the project engineer for project specific requirements. The end user assumes sole responsibility for the use of this information and product. The property values listed above are subject to change without notice.

© 2018 WINFAB

Distributed by:

Colonial
Construction Materials

www.colonial-materials.com
P. 800-436-6287



Initials: GK # : 87
Date: 2016