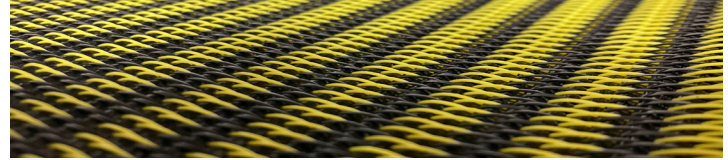


MATERIAL PROPERTY DATA SHEET



Talon Fabrics™ TF1084R

Geotextile • Woven Fabric • UV Stabilized •



DESCRIPTION

TF1084R is a woven geotextile fabric produced from high-tenacity polypropylene yarns. Production of Talon Fabrics includes internal manufacturing quality control testing in an on-site GAI-LAP (Geosynthetic Accreditation Institute 3-Laboratory Accreditation Program) certified laboratory. Physical properties of the material and expected test results are listed below.

Material Content	
Yarn	High-tenacity polypropylene

Manufacture Process	Woven
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Standard Roll Sizes

Width	15 ft	(4.5 m)
Length ± 10%	300 ft	(91 m)
Weight ± 10%*	92 lbs	(42 kg)
Area	500 SY	(418 sm)

Index Property	Test	MARV	
Tensile Strength	ASTM D4632	665 x 790 lbs	(2.96 x 3.51 kN)
CBR Puncture	ASTM D6241	2540 lbs	11.3 kN
Wide Width Tensile (Ultimate)	ASTM D4595	5700 x 7400 lbs/ft	83.2 x 108 kN/m
Wide Width Tensile @2%	ASTM D4595	875 x 1990 lbs/ft	12.8 x 29.0 kN/m
Wide Width Tensile @5%	ASTM D4595	1975 x 4235 lbs/ft	28.8 x 61.8 kN/m
Wide Width Elongation	ASTM D4595	16% x 10%	
Trapezoidal Tear	ASTM D4533	350 x 480 lbs	1.56 x 2.14 kN
UV Resistance @ 500 hrs	ASTM D4355	90 %	
Apparent Opening Size (AOS)	ASTM D4751	30 US STD SIEVE	0.600 mm
Permittivity	ASTM D4491	1.1 sec-1	
Water Flow Rate	ASTM D4491	75 gal/min/ft2	3056 lt/min/m2

Disclaimer: The information contained herein may represent physical properties and expected values for specific tests at the time of manufacture, as part of routine quality analysis and control. While believed correct, and every effort for accuracy has been made, seller makes no warranties, express or implied, as to the accuracy of these values, fitness for a particular application, or compliance with any specification. Western Green and its affiliates make no warranty as to the test results obtained from evaluation of delivered material. This data sheet supersedes all previous versions for the style and is subject to change without notice. For further information, please feel free to contact Western Green.

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Rev. 1.2024

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