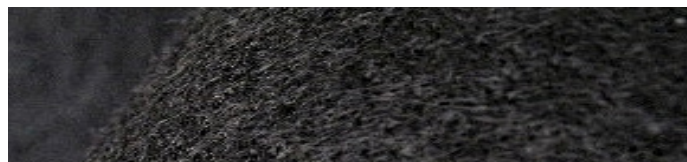


MATERIAL PROPERTY DATA SHEET



Talon Fabrics™ TF-NW

Geotextile • Nonwoven Fabric • UV Stabilized



DESCRIPTION

TF-NW Geotextiles are a nonwoven geotextile fabric produced from needle-punched polypropylene yarns. The nonwoven fabrics are intended for separation and drainage projects. Physical properties of the material and expected test results are listed below.

Material Content

Yarn	Needle-punched polypropylene
Manufacture Process	Nonwoven

Standard Roll Sizes

Width	3 ft, 4 ft, 6 ft, 7.5 ft, 12 ft, or 15 ft
Length ± 10%	360 ft
Weight	4 oz, 6 oz, or 8 oz

Index Property	Test Method	Unit	TF-4NW	TF-6NW	TF-8NW
Weight	ASTM D5261	oz/sq.yd.	4	6	8
Tensile Strength	ASTM D4632	lbs	90 x 90	130 x 130	205 x 205
Grab Elongation	ASTM D4632	%	50 x 50	50 x 50	50 x 50
Trapezoidal Tear	ASTM D4533	lbs	40 x 40	55 x 55	80 x 80
CBR Puncture	ASTM D6241	lbs	260	360	525
UV Resistance @ 500 hrs	ASTM D4355	%	70	70	70
Apparent Opening Size (AOS)	ASTM D4751	US Std. Sieve	50	70	80
Permittivity	ASTM D4491	cm/sec	2	1.4	1.3
Water Flow Rate	ASTM D4491	gal/min/ft ²	150	115	90

* The test values listed above are Minimum Average Roll Values (MARV) and are subject to change without notice

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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