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Geotextile Product Description Sheet

Style TNS R080

TNS R080 is a nonwoven geotextile produced by needlepunching 100% polypropylene staple fibers in a random network to form a high strength dimensionally stable fabric. The polypropylene fibers are specially formulated to resist ultraviolet light deterioration, and are inert to commonly encountered soil chemicals. The fabric will not rot or mildew, is non-biodegradable, and is resistant to damage from insects and rodents. Polypropylene is stable within a ph range of 2 to 13. TNS R080 conforms to the physical property values listed below:

Fabric Property	Test Method	Units	Minimum Average Roll Value
Grab Tensile	ASTM D 4632	lbs.	205 (.911 kN)
Grab Elongation	ASTM D 4632	%	50
Trap Tear	ASTM D 4533	lbs.	85 (.378 kN)
Puncture	ASTM D 4833	lbs	115 (.511 kN)
Mullen Burst	ASTM D 3786**	psi	385 (2653 kPa)
Permittivity*	ASTM D 4491	1/sec	.9
Water Flow*	ASTM D 4491	gpm/sqft	65 (2648 l/min/sm)
AOS	ASTM D 4751	U.S. Sieve	80 (.180 mm)
UV Resistance after 500 hrs.	ASTM D 4355	% Strength Retained	70
Packaging			
Roll Dimensions-Feet			12.5 x 360/15 x 300
Square Yards Per Roll			500
Estimated Roll Weight-Lbs.			250

* At time of manufacturing, handling may change these properties.

** Modified

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