Product Data Sheet

Non Woven Geotextile (NW80-GP180)

GeoProducts NW80-GP180 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. GeoProducts NW80-GP180 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. GeoProducts NW80-GP180 is NTPEP certified and meets requirements as per AASHTO Standards and/or D.O.T. Standards. GeoProducts NW80-GP180 meets or exceeds the physical property values listed below:

PROPERTY	TEST METHOD	MARV ENGLISH AVERAGE
Tensile Strength (Grab)	ASTM D-4632	205lbs
Elongation	ASTM D-4632	50%
Puncture	ASTM D-4833	535lbs
Mullen Burst	ASTM D-3786	350psi
Trapezoidal Tear	ASTM D-4533	85lbs
UV Resistance (at 500 hours)	ASTM D-4355	70%
Apparent Opening Size (AOS)	ASTM D-4751	80 US Std. Sieve
Permittivity	ASTM D-4491	1.4 sec-1
Water Flow Rate	ASTM D-4491	95 gpm/ft2
Roll Sizes	12.5' x 360' 15' x 300'	3.81m x 109.8m 4.57m x 91.5m

*Maximum average roll value

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