



C-80NW

Product Specification

C-80NW is a polypropylene, staple fiber, needlepunched nonwoven geotextile. The fibers are needled to form a stable network that retains dimensional stability relative to each other. The geotextile is resistant to ultraviolet degradation and to biological and chemical environments normally found in soils. C-80NW conforms to the property values listed below:

<u>PROPERTY</u>	<u>TEST METHOD</u>	<u>MIN. AVG. ROLL VALUES</u>
<u>Mechanical</u>		
Grab Tensile Strength	ASTM D4632	205 lbs.
Grab Elongation	ASTM D4632	50%
Puncture Strength	ASTM D4833	110 lbs.
Mullen Burst	ASTM D3786	350 psi
Trapezoidal Tear	ASTM D4533	85 lbs.
<u>Hydraulic</u>		
Apparent Opening Size (AOS)	ASTM D4751	80 U.S. sieve 0.180 mm
Permittivity	ASTM D4491	1.50 sec-1
Permeability	ASTM D4491	0.38 cm/sec
Water Flow Rate	ASTM D4491	110 gpm/sf
<u>Physical</u>		
Mass Per Unit Area	ASTM D5261	6.5 oz/sy
Thickness, t	ASTM D5199	70 mils
<u>Endurance</u>		
UV Resistance (% Retained @ 500 hours)	ASTM D4355	70%

Notes:

Values shown are in weaker principal direction. Minimum average roll values represent a 95 percent confidence levels, calculated as the mean minus two standard deviations. Standard roll widths = 15 ft. Standard roll length = 300 ft.

SPECIALTY CONSTRUCTION SUPPLY

12450 West Franklin Road
Boise, Idaho 873709
Phone (208) 322-6800
Fax (208) 322-2636

Toll Free 888-574-7732
www.specialtysupply.com

4390 N Yellowstone Hwy Suite #1
Idaho Falls, Idaho 83401
Phone (208) 522-3242
Fax (208) 522-4012