



C-120NW

Product Specification

C-120NW is a polypropylene, staple fiber, needlepunched nonwoven geotextile. The fibers are needled to form a stable network that retain dimensional stability relative to each other. The geotextile is resistant to biological and naturally encountered chemicals, alkalis, acids and ultraviolet light exposure. C-120NW 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	300 lbs.
Grab Elongation	ASTM D4632	50%
Puncture Strength	ASTM D4833	175 lbs.
Mullen Burst	ASTM D3786	580 psi
Trapezoidal Tear	ASTM D4533	115 lbs.
<u>Hydraulic</u>		
Apparent Opening Size (AOS)	ASTM D4751	100 U.S. sieve 0.150 mm
Permittivity	ASTM D4491	1.00 sec-1
Permeability	ASTM D4491	0.29 cm/sec
Water Flow Rate	ASTM D4491	75 gpm/sf
<u>Physical</u>		
Mass Per Unit Area	ASTM D5261	11.2 oz/sy
Thickness, t	ASTM D5199	105 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 level, calculated as the mean minus two standard deviations. Standard roll widths = 15 ft. Standard roll length = 300 ft.

SPECIALTY CONSTRUCTION SUPPLY

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