



Product Data Sheet

Nonwoven Geotextiles

PG120

PG120 is a nonwoven geotextile produced by needle punching 100% synthetic staple fibers in a random network to form a dimensionally stable fabric. The synthetic 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. PG120 conforms to the physical property values listed below:

Fabric Property	Test Method	Units	Minimum Average Roll Value
Grab Tensile	ASTM D 4632	lbs	300 (1.33 kN)
Grab Elongation	ASTM D 4632	%	50
Trap Tear	ASTM D 4533	lbs	115 (.511 kN)
CBR Puncture	ASTM D 6241	lbs	790 (3.51 kN)
Permittivity	ASTM D 4491	1/sec	1.0
Water Flow	ASTM D 4491	gpm/sqft	75 (3055 l/min/sm)
AOS	ASTM D 4751	U.S. Sieve	100 (.150mm)
UV Resistance after 500 hrs.	ASTM D 4355	% Strength Retained	70

Packaging	
Roll Dimensions-Feet	12.5x360/15 x 300
Square Yards Per Roll	500
Estimated Roll Weight-Lbs.	375

Notes:

1. Property values listed above are effective 01/12/2019 and or subject to change without notice.
2. There may be some variation in above values due to various factors when tested at other laboratory.
3. Minimum average roll values (MARV) are calculated as the typical minus two deviations. Values represent testing at the time of manufacture. PG120 conforms to the Minimum Average Roll Values (MARV) 97.7%.
4. Maximum average roll value

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