GeoFilter GN120 Product Data

Geostar nonwoven filter fabrics are proudly made in the USA and are composed of 100% polypropylene staple fibers that are needle-punched and formed into a random network for dimensional stability. They resist UV deterioration, rotting, biological degradation, and naturally encountered basics and acids.

Property	Unit	Test Method	GeoFilter GN120
Weight	(oz/yd^2) / (g/m^2)	ASTM D5261	12.0 / 407
Grab Tensile	lbs / kN	ASTM D4632	300 / 1.334
Grab Elongation	%	ASTM D4632	50
Trapezoid Tear	lbs / kN	ASTM D4533	115 / 0.511
CBR Puncture Resistance	lbs / kN	ASTM D6241	850 / 3.780
Permitivity*	sec^{-1}	ASTM D4491	1.00
Water Flow*	(gpm/ft^2) / $(1/min/m^2)$	ASTM D4491	75 / 3055
A.O.S.*	U.S. Sieve / mm	ASTM D4751	100 / 0.150
U.V. Resistance	%/hrs	ASTM D4355	70/500
Asphalt Retention	gal /yd^2	-	-
Melting Point	°F (°C)	-	-

* At the time of manufacturing. Handling, storage, and shipping may change these properties.

AASHTO	
M288 Survivability Class	1
M288 Application2	SP,ST, D, E

Packaging	
Roll Dimensions (FT)	12.5 x 360 15 x 300
Square Yards/Roll	500
Estimated Roll Weight	375

Updated as of January 2024