

## GeoFilter GN160 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 GN160
Weight	(oz/yd <sup>2</sup> ) / (g/m <sup>2</sup> )	ASTM D5261	16.0 / 542
Grab Tensile	lbs / kN	ASTM D4632	380 / 1.690
Grab Elongation	%	ASTM D4632	50
Trapezoid Tear	lbs / kN	ASTM D4533	145 / 0.644
CBR Puncture Resistance	lbs / kN	ASTM D6241	1080 / 4.804
Permittivity*	sec <sup>-1</sup>	ASTM D4491	0.700
Water Flow*	(gpm/ft <sup>2</sup> ) / (l/min/m <sup>2</sup> )	ASTM D4491	50 / 2035
A.O.S.*	U.S. Sieve / mm	ASTM D4751	100 / 0.150
U.V. Resistance	%/hrs	ASTM D4355	70/500
Asphalt Retention	gal /yd <sup>2</sup>	-	-
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)	15 x 150
Square Yards/Roll	250
Estimated Roll Weight	250

Updated as of January 2024

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