

## 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 <sup>2</sup> ) / (g/m <sup>2</sup> )      | 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     |
| Permittivity*           | sec <sup>-1</sup>                                | ASTM D4491  | 1.00            |
| Water Flow*             | (gpm/ft <sup>2</sup> ) / (l/min/m <sup>2</sup> ) | 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 <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,<br>D, E |

### Packaging

|                       |                        |
|-----------------------|------------------------|
| Roll Dimensions (FT)  | 12.5 x 360<br>15 x 300 |
| Square Yards/Roll     | 500                    |
| Estimated Roll Weight | 375                    |

Updated as of January 2024

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