

# SKAPS GT-142

## Nonwoven Geotextiles

SKAPS GT-142 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GT-142 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. SKAPS GT-142 conforms to the physical values listed below:

| PROPERTY                       | TEST METHOD | UNIT  | M.A.R.V. (Minimum Average Roll Value) |
|--------------------------------|-------------|---|---------------------------------------|
| <b>Weight (Typical)</b>        | ASTM D5261  | oz/yd <sup>2</sup> (g/m <sup>2</sup> )      | 4.5 (153)                             |
| <b>Grab Tensile</b>            | ASTM D4632  | lbs (kN)                                    | 120 (.533)                            |
| <b>Grab Elongation</b>         | ASTM D4632  | %   | 50                                    |
| <b>Trapezoid Tear Strength</b> | ASTM D4533  | lbs (kN)                                    | 50 (.222)                             |
| <b>Puncture Resistance</b>     | ASTM D4833  | lbs (kN)                                    | 70 (.311)                             |
| <b>Mullen Burst</b>            | ASTM D3786  | psi (kPa)                                   | 240 (1654)                            |
| <b>Permittivity*</b>           | ASTM D4491  | sec <sup>-1</sup>                           | 1.8                                   |
| <b>Water Flow*</b>             | ASTM D4491  | gpm/ft <sup>2</sup> (l/min/m <sup>2</sup> ) | 120 (4885)                            |
| <b>A.O.S.*</b>                 | ASTM D4751  | U.S. Sieve (mm)                             | 70 (.212)                             |
| <b>U.V. Resistance</b>         | ASTM D4355  | %/hrs                                       | 70/500                                |

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

### PACKAGING

|                                    |               |
|------------------------------------|---------------|
| <b>Roll Dimension (W x L) - Ft</b> | 12.5/15 x 360 |
| <b>Square Yards per Roll</b>       | 500/600       |
| <b>Estimated Roll Weight - lbs</b> | 152/192       |

\* At the time of manufacturing. Handling may change these properties.

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