

CCIS-116

Non-Woven Geotextile

CCIS-116 is a needle-punched nonwoven geotextile made of 100% virgin polypropylene staple fibers, which are formed into a random network for dimensional stability. CCIS-116 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered alkalis and acids. Polypropylene is stable within the pH range of 2 to 13. CCIS-116 is NTPEP certified and meets requirements as per AASHTO Standards and/or D.O.T. Standards.

CCIS-116 conforms to the Minimum Average Roll Values (MARV) listed below:

| Property | Method | English (MARV2) | Metric (MARV2) |
|--|-------------|------------------------|---------------------------|
| Grab Tensile Strength | ASTM D 4632 | 380 lbs. | 1.690 kN |
| Grab Elongation | ASTM D 4632 | 50% | 50% |
| Trapezoid Tear Strength | ASTM D 4533 | 145 lbs. | 0.644 kN |
| CBR Puncture Resistance | ASTM D 6241 | 1080 lbs | 4.804 kN |
| Permittivity ⁴ | ASTM D 4491 | 0.7 sec-1 | 0.7 sec-1 |
| Water Flow ⁴ | ASTM D 4491 | 50 gpm/ft ² | 2035 l/min/m ² |
| Apparent Opening Size (AOS) ^{3&4} | ASTM D 4751 | 100 Std. U.S. Sieve | 0.150 mm |
| UV Resistance | ASTM D 4355 | 70%/500 hrs. | 70%/500 hrs. |

| Packaging | | |
|-------------------------|---------------|-------------------|
| Roll Dimensions (W x L) | 15 x 150 ft. | 4.6 m x 45.7 m |
| Area Per Roll | 250 sq. yards | 210.22 sq. meters |
| Estimated Roll Weight | 250 lbs. | 114 kg |

NOTES

1. The property values listed above are subject to change without notice.
2. Minimum Average Roll Values (MARV) is calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above.
3. Maximum Average Roll Value (MaxARV)
4. At time of manufacturing. Handling may change these properties.

This information is provided for reference purposes only and is not intended as a warranty or guarantee. Cross Country assumes no liability in connection with the use of this information.

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