## MIRAFI 140NC

Mirafi $140 N C$ is a needlepunched nonwoven geotextile composed of polypropylene fibers, which are formed into a stable network such that the fibers retain their relative position. Mirafi 140 NC is inert to biological degradation and resists naturally encountered chemicals, alkalis, and acids.

TenCate Geosynthetics Americas Laboratories are accredited by Geosynthetic Accreditation Institute - Laboratory Accreditation Program (GAI-LAP). NTPEP Listed

|  |  |  | MINIMUM AVERAGE |
| :--- | :---: | :---: | :---: |
| MECHANICAL PROPERTIES | TEST METHOD | UNIT | ROLL VALUE |
|  |  |  | MD |
| Grab Tensile Strength | ASTM D4632 | $100(445)$ | $100(445)$ |
| Grab Tensile Elongation | ASTM D4632 | $\%$ | 50 |
| Trapezoid Tear Strength | ASTM D4533 | $\operatorname{lbs}(N)$ | $45(200)$ |
| CBR Puncture Strength | ASTM D6241 | $\mathrm{lbs}(\mathrm{N})$ | $250(200)$ |
|  |  |  |  |


|  |  |  | MAXIMUM OPENING SIZE |
| :---: | :---: | :---: | :---: |
| Apparent Opening Size (AOS) | ASTM D4751 | U.S. Sieve (mm) | 70 (0.212) |
| MECHANICAL PROPERTIES | TEST METHOD | UNIT | MINIMUM ROLL VALUE |
| Permittivity | ASTM D4491 | $\mathrm{sec}^{-1}$ | 2.0 |
| Flow Rate | ASTM D4491 | $\mathrm{gal} / \mathrm{min} / \mathrm{ft}^{2}\left(\mathrm{l} / \mathrm{min} / \mathrm{m}^{2}\right)$ | 140 (5704) |
|  |  |  | MINIMUM TEST VALUE |
| UV Resistance (at 500 hours) | ASTM D4355 | \% strength retained | 70 |
| PHYSICAL PROPERTIES |  | UNIT | ROLL SIZE |
| Roll Dimensions (width x length) |  | ft (m) | $12.5 \times 360 \quad 15 \times 360$ |
|  |  |  | $(3.8 \times 110) \quad(4.57 \times 110)$ |
| Roll Area |  | yd2 (m2) | 500 (418) 600 (502) |
| Roll Weight |  | lbs (kg) | 145 (66) 170 (77) |
| Label Color |  |  | WHITE |

[^0] implied, or statutory standards, warranties or guarantees, including without limitation any implied warranty as to merchantability or fitness for a particular purpose or arising from a course of dealing or usage of trade as to any equipment, materials, or information furnished herewith. This document should not be construed as engineering advice. Mirafi is a registered trademark of Nicolon Corporation. Copyright © 2021 Nicolon Corporation. All Rights Reserved
FGSO00388
ETQR 71
$\lambda^{2}$ TEnCATE
GEOSYNTHETICS


[^0]:    Disclaimer: TenCate assumes no liability for the accuracy or completeness of this information or for the ultimate use by the purchaser. TenCate disclaims any and all express,

