

TENAX TSP

Non woven textile produced with polyester fibers and welded through mechanical needling.



Picture out of scale

| PHYSICAL CHARACTERISTICS | TEST METHOD | UNIT | TSP | NOTES |
|--------------------------|-------------|------|-------|-------|
| POLYMER | | | PET | - |
| COLOUR | | | WHITE | - |

| DIMENSIONAL CHARACTERISTICS | TEST METHOD | UNIT | TSP | NOTES |
|-----------------------------|---------------|------------------|--------|-------|
| UNIT WEIGHT | EN ISO 9864 | g/m ² | 180 | d |
| THICKNESS | EN ISO 9863-1 | mm | 0.90 | h |
| ROLL WIDTH | | m | 1.0 | b |
| ROLL LENGTH | | m | 50.0 | c |
| ROLL DIAMETER | | m | 0.24 | - |
| ROLL VOLUME | | m ³ | 0.06 | - |
| ROLL WEIGHT | | kg | 9.8 | d |
| INNER PACKAGING | | | PE BAG | - |
| OUTER PACKAGING | | | - | - |

| TECHNICAL CHARACTERISTICS | TEST METHOD | UNIT | TSP | NOTES |
|----------------------------------|-------------|------|-------|-------|
| RESISTANCE TO STATIC PUNCTURE | ISO 12236 | N | 245 | e |
| OPENING SIZE | ISO 12956 | µm | 100 | f |
| PERMEABILITY NORMAL TO THE PLANE | ISO 11058 | m/s | 0.090 | g |
| MD TENSILE STRENGTH | ISO 10319 | kN/m | 1.0 | a |
| TD TENSILE STRENGTH | ISO 10319 | kN/m | 1.0 | a |
| MD ELONGATION AT PEAK | ISO 10319 | % | 80.0 | a |
| TD ELONGATION AT PEAK | ISO 10319 | % | 90.0 | a |
| DURABILITY PREDICTION | | | | i |

NOTES:

- a) MD: machine direction
TD: transversal direction
- b) Tolerance ± 3 cm
- c) Tolerance ± 2%
- d) Tolerance ± %
- e) Tolerance – 100
- f) Tolerance ± 30
- g) Tolerance – 0.026
- h) Tolerance -0.18
- i) To be covered within 1 month after installation. Predicted to be durable for a minimum 5 years in natural soil with 4 < pH < 9 and soil temperature < 25°C.

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