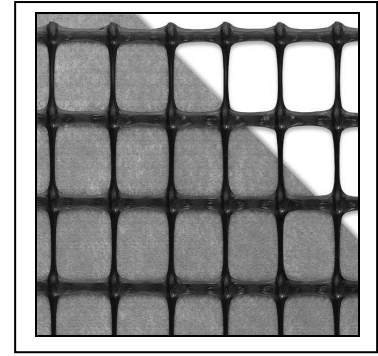


# TENAX GT 330



Composite made by thermalwelding a PP bioriented net with a PP non woven textile.

Picture put of scale

| PHYSICAL CHARACTERISTICS | TEST METHOD | UNIT | GT 330                | NOTES |
|--------------------------|-------------|------|-----------------------|-------|
| STRUCTURE                |             |      | BI-ORIENTED GEOGRIDS  |       |
| MESH TYPE                |             |      | RECTANGULAR APERTURES |       |
| STANDARD COLOR           |             |      | BLACK                 |       |
| POLYMER TYPE             |             |      | POLYPROPYLENE         |       |
| CARBON BLACK CONTENT     | ASTM D4218  |      | 2.0%                  |       |

| TEXTILE PHYSICAL CHARACTERISTICS | TEST METHOD | UNIT             | GT 330        | NOTES |
|----------------------------------|-------------|------------------|---------------|-------|
| POLYMER TYPE                     |             |                  | POLIPROPILENE |       |
| MASS PER UNIT AREA               | ISO 9864    | g/m <sup>2</sup> | 150           | b     |
| OPENING SIZE                     | ISO 12956   | µm               | 75            | b     |

| DIMENSIONAL CHARACTERISTICS | TEST METHOD | UNIT             | GT 330 | NOTES |
|-----------------------------|-------------|------------------|--------|-------|
| UNIT WEIGHT                 |             | g/m <sup>2</sup> | 545    | b     |
| ROLL WIDTH                  |             | m                | 4.0    | b     |
| ROLL LENGTH                 |             | m                | 50     | b     |
| ROLL DIAMETER               |             | m                | 0.50   | b     |
| ROLL VOLUME                 |             | m <sup>3</sup>   | 1.0    | b     |
| GROSS ROLL WEIGHT           |             | kg               | 112    | b     |
| PACKAGING                   |             |                  | -      |       |

| TECHNICAL CHARACTERISTICS | TEST METHOD | UNIT | GT 330 |      | NOTES   |
|---------------------------|-------------|------|--------|------|---------|
|                           |             |      | MD     | TD   |         |
| STRENGTH AT 2% STRAIN     | ISO 10319   | kN/m | 10.5   | 10.5 | b, c, d |
| STRENGTH AT 5% STRAIN     | ISO 10319   | kN/m | 21.0   | 21.0 | b, c, d |
| PEAK TENSILE STRENGTH     | ISO 10319   | kN/m | 30.0   | 30.0 | a, c, d |
| YIELD POINT ELONGATION    | ISO 10319   | %    | 11.0   | 11.0 | b, c, d |

**NOTE:**

- a) Peak tolerance: - 1 kN/m
- b) Typical value
- c) Tests performed using extensometers
- d) MD: machine direction (longitudinal to the roll)  
TD: transverse direction (across roll width)

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TENAX Spa Quality System has been assessed and registered in agreement with ISO:9001:2008 by SGS Italy and SGS UK.

The TENAX Laboratory has been operational since 1980 and has been continuously improved with the purpose of assuring unequalled technical development of the products and accurate Quality Control.

The TENAX Laboratory can perform mechanical, hydraulic and durability tests, according to the most important international standards like ISO, CEN, ASTM, DIN, BSI, UNI.



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