

GEODREN PEIT 400



1213-CPD-3275

Nonwoven geotextile made by polyester, needlepunched and calandered, produced without using of any glues or chemical binders and post-consumer raw material.

| Physical properties | Standard | Value | Units | Tolerance % | Tolerance (units) |
|----------------------------------|-------------------------|-------|-------|-------------|-------------------|
| Mass per unit area | [EN ISO 9864] | 400 | g/m2 | +/- 10 | +/- 40 |
| Thickness | [EN ISO 9863-1] 2 kPa | 1,90 | mm | +/- 20 | +/- 0,38 |
| | [EN ISO 9863-1] 20 kPa | 1,50 | mm | +/- 20 | +/- 0,30 |
| | [EN ISO 9863-1] 200 kPa | 0,90 | mm | +/- 20 | +/- 0,18 |
| Mechanical properties | Standard | Value | Units | Tolerance % | Tolerance (units) |
| Tensile strength | [EN ISO 10319] MD | 3,2 | kN/m | - 15 | - 0,5 |
| | [EN ISO 10319] CMD | 4,0 | kN/m | - 15 | - 0,6 |
| Elongation at maximum load | [EN ISO 10319] MD | 50 | % | +/- 30 | +/- 15 |
| | [EN ISO 10319] CMD | 60 | % | +/- 30 | +/- 18 |
| Static puncture resistance (CBR) | [EN ISO 12236] | 0,70 | kN | - 30 | - 0,21 |
| Dynamic puncture resistance | [EN ISO 13433] | 20 | mm | + 20 | + 4 |
| Pyramidal puncture resistance | [EN 14574] | 180 | N | - 20 | - 36 |
| Hydraulic properties | Standard | Value | Units | Tolerance % | Tolerance (units) |
| Velocity index | [EN ISO 11058] | 40 | mm/s | - 30 | - 12 |
| Characteristic opening size | [EN ISO 12956] | 45 | µm | +/- 30 | +/- 14 |

Durability properties

| | | |
|-----------------------|------------|---|
| Weathering resistance | [EN 12224] | To be covered within 1 day from the day of installation. |
| Service life | | Forecast minimum durability of 5 years in natural ground with 4<pH<9 and soil temperature < 25°C. |

The values given are an average obtained in our laboratories and in official testing institutes.
 The confidence level is 95%
 The right is reserved to make changes any time without notice.

MD = Machine Direction/Longitudinale; CMD = Cross Machine Direction/Trasversale; NA = Not Applicable/Non Applicabile

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Prepared by CQ

Approved by UT