

THERMOFELT PM T1 UV 200

Nonwoven geotextile made by polypropylene staples, UV stabilized for long exposition, 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] | | 200 | g/m ² | +/- 10 | +/- 20 |
| Thickness | [EN ISO 9863-1] | 2 kPa | 1,30 | mm | +/- 20 | +/- 0,26 |
| | [EN ISO 9863-1] | 20 kPa | 1,00 | mm | +/- 20 | +/- 0,20 |
| | [EN ISO 9863-1] | 200 kPa | 0,70 | mm | +/- 20 | +/- 0,14 |
| Mechanical properties | Standard | | Value | Units | Tolerance % | Tolerance (units) |
| Tensile strength | [EN ISO 10319] | MD | 8,0 | kN/m | - 10 | - 0,8 |
| | [EN ISO 10319] | CMD | 10,0 | kN/m | - 10 | - 1,0 |
| Elongation at maximum load | [EN ISO 10319] | MD | 60 | % | +/- 30 | +/- 18 |
| | [EN ISO 10319] | CMD | 70 | % | +/- 30 | +/- 21 |
| Static puncture resistance (CBR) | [EN ISO 12236] | | 1,20 | kN | - 10 | - 0,12 |
| Dynamic puncture resistance | [EN ISO 13433] | | 30 | mm | + 20 | + 6 |
| Durability properties | | | | | | |
| Residual strength after UV exposition | [ASTM D 4355] | Residual strength greater/equal of 70% after 500 hours. | | | | |

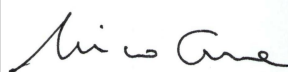
The values given are an average obtained in our laboratories and in official testing institutes.
The confidence level is 95%
The right is reserved to make changes any time without notice.

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

Ref.

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Approved by CQ



Approved by UT

