












| <b>TECNODREN PES/R 200</b>   |  |  |
|--|--|--|
| 09   |  |  |
| PES/R200/CPR/3738/2018-07  |  |  |
| Non-woven geotextile by white PET fiber  |  |  |
| EN 13249:2016; EN 13250:2016; EN 13251:2016; EN 13252:2016; EN 13253:2016; EN 13254:2016; EN 13255:2016; EN 13257:2016; EN 13265:2016  |  |  |
|           |  |  |
| Geotextile for roads, railways, embankments, foundations and support structures, drainage system, erosion control, basins and dams, canals, tunnels, waste, landfills, réservoirs applications   |  |  |
| Mass   |  |  |
| UNI EN 965   | gr/m <sup>2</sup>  | 200 (+/- 10%)  |
| Thickness  |  |  |
| UNI EN 964/1   | mm   | 1,6 (+/- 0,5)  |
| Tensile strength   |  |  |
| UNI EN ISO 10319   | kN/m   | MD 2,0 (-1,0)<br>CMD 2,5 (-1,0)  |
| Elongation   |  |  |
| UNI EN ISO 10319   | %  | MD 75 (+/-30)<br>CMD 75 (+/-30)  |
| Puncture test  |  |  |
| UNI EN ISO 12236   | kN   | 0,35 (-0,15)   |
| Dynamic puncture test  |  |  |
| EN ISO 13433   | mm   | 30 (+15)   |
| Permeability   |  |  |
| UNI EN ISO 11058   | m/sec  | 0,110 (-0,050)   |
| Pore size  |  |  |
| EN ISO 12956   | µm   | 110 (+/- 45)   |
| Weathering   |  |  |
| EN 12224   | %  | To be covered in the day of installation   |
| Functions  |  |  |
| EN 12224   |  | F + S  |
| F = filtration S = separation D = drainage R = reinforcement   |  |  |
| Durability   |  |  |
| EN ISO 13438   |  | Minimum expected 5 years durability<br>for non reinforcement functions<br>4<pH<9 ground and <25° |
|  1213<br>09   | NOTE: the values are obtained in internal and external laboratories, with confidence of 90% percentile | May 2020   |