



## Geotechnical Products

JP GEOTEX are manufactured from high quality Polypropylene staple fibers. The fibers are mechanically bonded through needle-punching to form a strong, flexible and dimensionally stable fabric structure, with optimum pore sizes and high permeability. The geotextile is resistant to chemicals and biological organisms normally found in soils and are stabilized against degradation due to short-term exposure to ultraviolet radiation. JP GEOTEX conforms to the following property values.

| QCS 2010 Section 6 Part 15 Clause 15.2.2                                    |                     |
|---|---------------------|
| International Classification According to CBR Test                          |                     |
| <b>CBR test (DIN 54307)</b>   |                     |
| mean value $\pm 10\%$   | <b>4400</b>         |
| mean value minus standard deviation $\pm 10\%$                              | -                   |
| deformation %   | 65                  |
| <b>Tensile strength (ASTM D 5035)</b>                                       |                     |
| longitudinal direction kN/m $\pm 10\%$                                      | 25                  |
| longitudinal direction kN/m $\pm 10\%$                                      | 35                  |
| elongation at rupture %   | 90/65               |
| <b>Fall cone test hole diameter BS EN ISO 10319</b>                         | 6.5                 |
| <b>Water permeability at 2 kPa mech. Load permeability coefficient cm/s</b> | 15x10 <sup>-2</sup> |
| <b>at 10cm water column l/secm<sup>2</sup> <math>\pm 30\%</math></b>        | 45                  |
| <b>Pore size (unvibrated)</b>   |                     |
| d 50%   | 30                  |
| d 90%   | 40                  |
| <b>Weight DIN 53854 g/m<sup>2</sup></b>                                     | 500                 |
| <b>Thickness DIN 53855 mm</b>   | 3.4                 |

Note :

The above values are effective from 21 - 12 - 2021. The values are average roll values in which all the properties are having  $\pm 10\%$  tolerances. Water Permeability, Elongations are having -30% tolerance and AOS have + 30%. The information given in this data sheet is based on tests conducted at our in-house laboratory and independent accredited laboratories. While the information is presented as a true and accurate representation of the attributes of the products to the best of our knowledge, no expressed or implied warranties are made and JEEVAN ECOTEX assumes no responsibility or liability with regard to the use of this information. The right to make periodic revisions of the specifications without prior notice is reserved.

**Jeevan Ecotex Private Limited**

1109/B, Kailas Business Park, Kailas Complex, Park Site, Vikroli Powai Link Road,

Powai, Mumbai - 400 079.

+91 22 4971 3715 / +91 7045909371

info@jeevanecotex.com

jeevanecotex.com

