



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.

TESTS / PROPERTIES	UNIT	ASTM METHOD	PPN 300
PHYSICAL PROPERTIES		TEST METHOD	<b>TYPE 1</b>
Content			<b>Polypropylene</b>
Mass per unit Area	GSM	ASTMD 5261	300
Thickness	mm	ASTMD 5199	2.7
Tensile strength - CD	kN/m	ASTMD 4595	18
Tensile strength - MD	kN/m	ASTMD 4595	16
Elongation @ Break	%	ASTMD 4595	50-75
Grab Strength - CD	N	ASTMD 4632	950
Grab Strength - MD	N	ASTMD 4632	900
CBR Puncture Resistance	N	ASTMD 6241	3200
Cone Drop	Mm	EN ISO 13433-2006	2
Tear Strength	N	ASTMD 4533	450
Puncture Strength	N	ASTMD 4833	625
<b>HYDRAULIC PROPERTIES</b>			
Permeability	Lt/M2/Sec	ASTMD 4491	95
AOS (Apparent opening Size)	Microns	ASTMD 4751	< 75
UV- Resistance	%	ASTMD 4355	70
<b>DIMENSIONS</b>			
Roll Width	Mtr	JE Standard	5.8
Roll Length	Mtr	JE Standard	100
Roll weight	Kgs	JE Standard	174

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.