



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 250
PHYSICAL PROPERTIES		TEST METHOD	TYPE 2
Content			Polypropylene
Mass per unit Area	GSM	ASTMD 5261	250
Thickness	mm	ASTMD 5199	2.5
Tensile strength - CD	kN/m	ASTMD 4595	15
Tensile strength - MD	kN/m	ASTMD 4595	13
Elongation @ Break	%	ASTMD 4595	50-75
Grab Strength - CD	N	ASTMD 4632	750
Grab Strength - MD	N	ASTMD 4632	700
CBR Puncture Resistance	N	ASTMD 6241	2450
Cone Drop	Mm	EN ISO 13433-2006	5
Tear Strength	N	ASTMD 4533	385
Puncture Strength	N	ASTMD 4833	560
HYDRAULIC PROPERTIES			
Permeability	Lt/M2/Sec	ASTMD 4491	100
AOS (Apparent opening Size)	Microns	ASTMD 4751	80
UV- Resistance	%	ASTMD 4355	70
DIMENSIONS			
Roll Width	Mtr	JE Standard	5.8
Roll Length	Mtr	JE Standard	120
Roll weight	Kgs	JE Standard	168

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.