JP GEOTEX are manufactured from high quality Polypropylene staple fibres. The fibres 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	MATERIAL FOR PROTECTION	PPN 406
PHYSICAL PROPERTIES		TEST METHOD	
Content			Polypropylene
Mass per unit Area	GSM	ASTM D5261	406
Grab tensile strength	kN	ASTM D4632	1.33
Grab tensile elongation	%	ASTM D4632	50
Trap. Tear strength	kN	ASTM D4533	0.51
Puncture (pin) strength	kN	ASTM D4533	0.62
UV residence (2)	%	ASTM D7238	70
Puncture (CBR) strength	kN	ASTM D6241	3.56

Note: The above values are effective from 21 – 12 – 2021.The values are average roll values in which all the properties are having ±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 about the use of this information. The right to make periodic revisions of the specifications without prior notice is reserved.

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