



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.

TESTS / PROPERTIES	UNIT	TEST METHOD	
PHYSICAL PROPERTIES			
Content			Polyester
Mass per unit Area	GSM	ASTMD5261	80
Thickness	mm	ASTMD5199	0.8
TENSILE STRENGTH - CD	KN/m	ASTMD4595	2
TENSILE STRENGTH- MD	KN/m	ASTMD4595	1.8
Elongation @ Break	%	ASTMD4595	50-95
TEAR STRENGTH	N	ASTMD4533	90
CBR Puncture Strength	N	ASTMD6241	500
HYDRAULIC PROPERTIES			
Permeability	l/m ² /s	ASTMD4491	230
AOS (Apparent Opening Size)	microns	ASTMD4751	220
DIMENSIONS			
Roll Length	mtrs	-	175

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.

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