TECHNICAL SPECIFICATION

JPGeomattress is manufactured from high quality polypropylene yarns and fibres. These are woven and are mechanically bonded through needle-punching to form a strong, flexible and dimensionally stable fabric structure, with optimum pore sizes and high permeability. The JPgeomat is resistant to chemicals and biological organisms normally found in soils and are stabilized against degradation due to short-term exposure to ultraviolet radiation. Geo mattress conforms to the following property values,

GEO MATTRESS

TESTS / PROPERTIES	UNIT	TEST METHOD	JPMAT
PHISICAL PROPERTIES			
UPPER LAYER			
Mass per unit Area	GSM	ASTMD5261	650
Tensile strength	KN/m	ASTMD4595	42
Abrasion resistance- retained tensile	KN/m	ASTMD4886	80
Pore size	um	ASTMD6767-11	100
UV resistance strength after 500 hrs	KN/m	ASTMD4355	80
LOWER LAYER			
Mass	GSM	ASTMD5261	400
Tensile strength	KN/m	ASTMD4595	76
pore size	µm	ASTMD6767-11	40
THREAD			
Tensile strength	N	ASTMD	1000
elongation	%	ASTMD	20-25
Roll Width	cm	JP Standard	300
Roll Length	mtr	JP Standard	80

The above values are effective from 01 – 01 – 2015. 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 GROUP   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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