



VRUSKHA COMPOSITES

Live Green & Live Happy

SUNHEMP FIBER PROPERTIES

S.NO	Physical Properties	Range
1	Raw Material	Sunhemp
2	Color	Whitish/Gray/Yellow
3	Density	1.5g/cm ³
4	Length	20-30 mm
5	Diameter	15-19 mm
6	Fiber Fitness	0.1-0.4tex
7	Specific Weight	1.52 gm/cm ³
8	Cellulose	66-78%
9	Hemi - cellulose	10-18%
10	Lignin	14.9%
11	Tensile Strength	180-400MPa
12	Young's Modulus	35.4GPa
13	Flexural Modulus	2.68GPa
14	Elongation	60-70%
15	Moisture Regain	14%
16	Natural Humidity	10-12%



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Working for Research and Development

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