



VRUKSHA COMPOSITES

Live Green & Live Happy

RAMIE FIBER PROPERTIES

S.NO	Physical Properties	Range
1	Raw Material	Ramie
2	Color	White/Lustrous
3	Density	1.55g/cm ³
4	Length	40mm
5	Diameter	20-80mm
6	Pectin	1.9-2.1%
7	Waxes	0.3%
8	Cellulose	67-99%
9	Hemi - cellulose	13.1-16.7%
10	Lignin	0.5-1.0%
11	Tensile Strength	400-1000MPa
12	Young's Modulus	61.4-128GPa
13	Elongation	1.2-4.0%



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Working for Research and Development

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