TECHNICAL DATA SHEET

VEGAN WOOD
NWFC

CHARACTERISTICS	STANDARD	UNIT	VALUE
Density	IS-2380	g/cm3	0.65 +/- 0.05
Compressive Strength	ASTM D 7031-11	MPa	61.2
Thermal Expansion Coefficient	DIN 53753-1981-04	um/m°C	80
Resistance to Termites	ASTM D 3345-22	-	Very High Resistance
Formaldehyde Emission	AS/NZS 4266.16:2004	mg/l	Super E0
Fire Retardancy	ASTM E84-2023d	Class	Class A
Flammibility	IS 1734 (pt-3):1983	Minutes	78
Flame Penetration	IS 1734 (pt-3):1983	Minutes	102
Rate of Burning	IS 1734 (pt-3):1983	Minutes	67
Water Absorbtion	EN 15534-4:2014 Sec 4.5.5	%	0.93%
Boiling Water Test (72 Hrs)	IS 1734 (pt-6):1983	-	Excellent
Screw Holding Strength (Face)	ASTM D 7031 -11	N	2304
Screw Holding Strength (Edge)	ASTM D 7031 -11	N	1738
Modules of Rupture	ASTM D 7031-11	GPa	0.064
Young's Modules	ASTM D 7031-04	GPa	5.13
Poisson's Modules	ASTM D 3043-00	-	0.43
Shear Modules	ASTM D 3043-00	MPa	20.2
Dampling Factor	EN 15534-4:2014	-	0.09
Yeild Strength	ASTM D 7031-11	MPa	25.1
Thermal Conductivity	DIN 52616-1977-11	W/mK	0.156
Specific Heat	EN 15534-4:2014	J/g°C	1601

*All data are as per the test reports results received from BIS accredited Labs