



Technical Data

Material Specifications

High-Performance, Cost Competitive, 100% Home Compostable

ATTRIBUTE	STANDARD	HEMP BLEND
Density (lbs/ft3)	ASTM C303	7.6
Internal Bond (psi)	ASTM D1623-09	—
Compressive Strength (psi)	ASTM C165	18
Compressive Elastic Modulus (psi)	ASTM C165	165
Screw Hold - Face (lbf)	ASTM D1037-12	—
Flexure Strength (psi)	ASTM C203	34
Compostability (days)	ASTM D6400	30
Flame Spread	ASTM E84	20
Peak Heat Release Rate (kW/ m2)	ASTM E84	—
Smoke Emission (m2/m2)	ASTM E84	50
Thermal Conductivity, at 10°C (w/mK)	ASTM C518	0.039
Water Vapor Permeation (dry cup)	ASTM E96	30
Moisture Storage at 53.5% RH (%)	ASTM CI498	8
Moisture Storage at 75% RH (%)	ASTM C1498	12
24 Hour Water Swell (%)	ASTM D1037-12	—