

Material Specifications

High-Performance, Cost Competitive, 100% Home Compostable

ATTRIBUTE	STANDARD	HEMP BLEND
Density (lbs/ft ³)	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/m ²)	ASTM E84	--
Smoke Emission (m ² /m ²)	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 C1498	8
Moisture Storage at 75% RH (%)	ASTM C1498	12
24 Hour Water Swell (%)	ASTM D1037-12	--

For more info, visit www.mushroompackaging.com