

Mycelium Product specifications



Metric	Standard	Performance
	ASTM D695	2,1 - 46
⁵ Pa,50% Compression]	ASTM D695	4,9-17,9
⁵ Pa]	ASTM D3575	1,4-1,9
⁶ Pa]	ASTM D3575	1,4-1,7
³]	AVANS*	115,5
	ASTM C155 AVANS**	0,05760 0,049
	ASTM E96	Class 1
	ASTM E96	0,013 - 0,02
	ASTM E84	Class A
	ASTM E84	20
	ASTM E84	50
	ASTM E1333	<0,01-0,03
	75cm drop-5cm cushion 6,8kPa, avg of 2-4 th drops	61

Mycelium products (aka Mushroom Packaging) is a biomaterial developed and patented by Ecovative Design, LLC. Cushioning, structural and thermal conductivity tests performed by Ecovative Design Labs. Testing for fire properties conducted by the Packaging Science Department at Rochester Institute of Technology.

* Density tests performed by AVANS University of Applied Sciences

** A parallel test, performed by AVANS University of Applied Sciences on samples made by GROWN bio BV, show a different number than the test performed by the Rochester Institute of Technology on a Ecovative sample. So the test were performed on different samples made by different production methods.