Materials List for:

## Manufacturing Of Robust Natural Fiber Preforms Utilizing Bacterial Cellulose as Binder

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## **Materials**

Name	Company	Catalog Number	Comments
Bacterial cellulose	fzmb	9004-34-6	The CAS number is based on the CAS number for cellulose
Sisal fibers	Wigglesworth Co. Ltd, UK		The type of fibers can be substituted with any type of natural fibers
Prime 20 ULV	SP Gurit		The type of resin can be substituted with any type of liquid resin designed for vacuum assisted resin infusion
Formax standard sheet mould	Adirondack Machine Corporation		This piece of equipment could be replaced with a Büchner funnel.
Vacuum pump	Edwards, UK	XDS 5	
Hot plate	Wenesco Inc, USA	HP 1836-AH	
Porous PTFE coated glass release fabric	Tygavac Advaced Materials Ltd, UK	TFG075P	
Omega tubes	Tygavac Advaced Materials Ltd, UK	Omegaflow 313	
Breather cloth	EasyComposites Ltd, UK		
Pressure sensitive tapes	Aerovac, UK	SM5127	
Vacuum bagging film (FEP)	Tygavac Advaced Materials Ltd, UK	RF260	
Vacuum bagging film (Nylon)	Aerovac, UK	Capran 519	

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