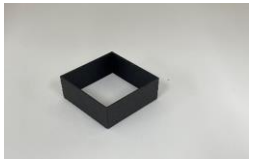
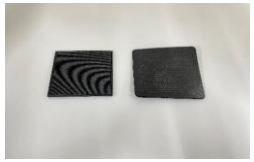
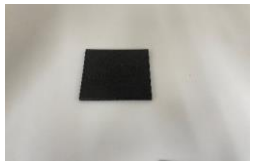
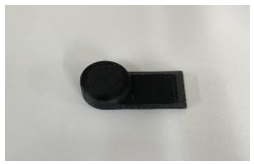
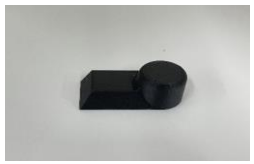
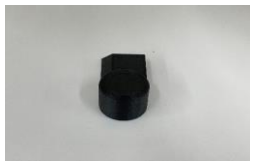
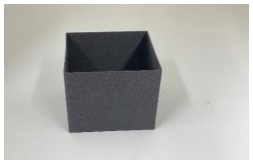
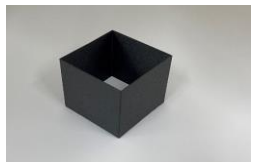
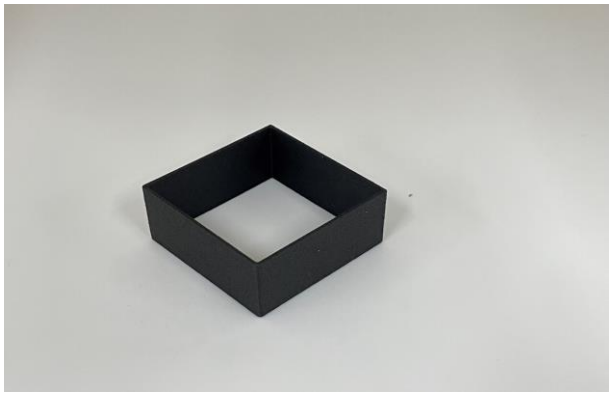
Raise3D OFP Test Report

Basic Information	**Material**	Fiberlogy NYLON PA 12+CF
	Requirement	Raise3D E2CF series, 0.4mm, SiC Nozzle
Notes	**1. Dry the material before printing, 2. Use PA glue.**	

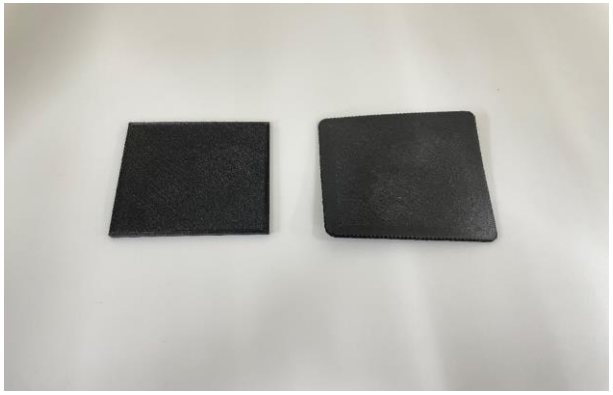
Test Model	**Printed Results**	**Printed Results Detail**
Double Wall		1. Flowrate test is passed.
Raft Test	 	1. The raft surface is clear and smooth. 2. The infill flowrate of the square is suitable.
Angled Tube	   	1. The surface is clean with less strings. 2. The contact face is smooth with less heat disipation defects. 3. No visible gap in the top beam of the model. 4. The self-support is suitable without deformation.
Block Peg	    	1. The surface quality is good, 2. The top surface is not collapsing or overflowing. 3. The relief is very clear without ghosting, the top surface solid-fill flowrate is suitable. 4.Layer start point is suitable
Cube 555	 	1. Interlayer bonding test is passed. 2. Better interlayer bonding force. 3. Matte finish

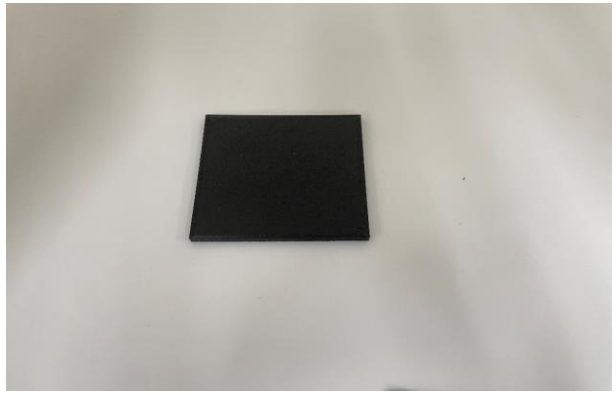
Conclusion	1.The optimised template has reached the releasable standard and is ready to go live to the library. 2. Fiberlogy NYLON PA12+CF has a matte finish, low creep behaviour and an acceptable amount of heat disipation defects.

Double Wall



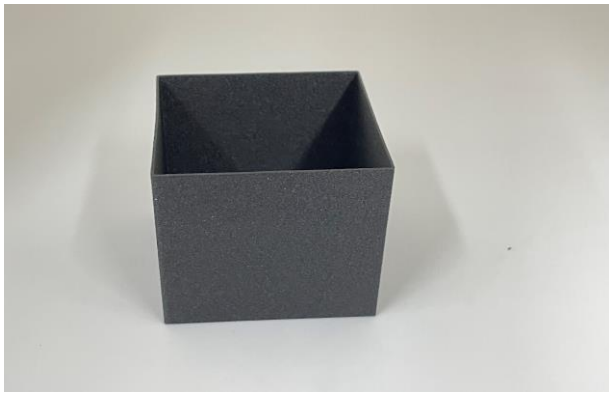
Raft Test

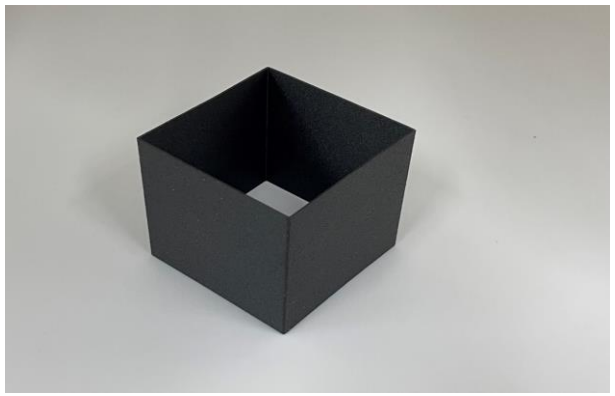




Angled Tube

Cube 555





Block Peg