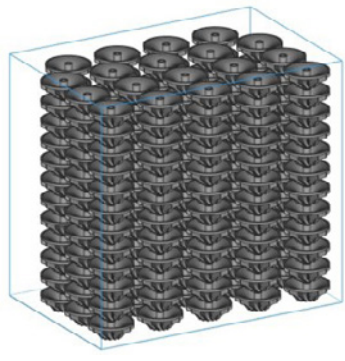
Impeller



The impeller was 3D printed on a H350™ 3D printer leveraging SAF™ technology, using High Yield PA11 powder. The impeller is printed with the vanes face down in the print volume. This results in smooth surfaces on the vanes as well as on the top surface of the main body. Placing the mounting shaft in the Z orientation also ensures optimal concentricity of this feature. After printing, the robust thin walls and overall circularity remain intact. The impeller can be nested tightly to allow for printing large batches.

System	H350 3D printer
Technology	SAF technology
Material	High Yield PA11
Printed Layer Time*	9h for 228 impellers
Volume of Material Used	8.44 cm^3 (0.52 in^3)

* Printed layer time approximates the time taken to print the layers that form the parts in the build only

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