



Technology :

**SLS**

Materials :

**PA12, PA6, Glass Filled PA12**

Build Volume :

**130mm Ø x 360mm Ø**

Ideal Part Size :

**7.5mm x 7.5mm x 7.5mm** | Roughly the size of a base ball

Z Resolution :

**100 microns**

**Example Part** - Aluminum cap alternative



Industry	Material	Weight
<b>FUEL TRANSPORT</b>	<b>PA12</b>	<b>72.6 GRAMS</b>

Project Take Away

**THE USE OF PA12 AND SLS TECHNOLOGY ALLOWED AmPd Labs TO REDUCE THE PRODUCT WEIGHT FROM 221.37 GRAMS TO 72.6 GRAMS AND REDUCED THE LEAD TIME FROM 4-6 WEEKS TO 8HRS**