



## Consumer Quality Clip

This Consumer Quality Clip was 3D printed on an H350™ 3D printer, leveraging SAF™ technology using Stratasys High Yield PA11 powder. The clip was designed to hold a mobile phone and key chains to a person's belt. PA11 provides excellent mechanical properties, with high elongation at break allowing for reliable and repeatable operation of the clip's living hinge. The impact resistance and UTS of PA11 also makes the clip robust and resistant to breakage when under load, thus creating a long lived, multi-use consumer item. To further increase the appeal of the clip a dyeing/smoothing & dyeing/painting process could be applied. These will be printed in regular batches so the same print settings need to be reused to ensure consistent results batch after batch.

<b>System</b>	H350™ 3D printer
<b>Material</b>	High Yield PA11
<b>Build Time</b>	9 hrs, 9 mins for 198 Consumer Clips
<b>Material Used</b>	14.9 cm <sup>3</sup> (0.9 in <sup>3</sup> )