



# 3D PRINTING MATERIAL

## 304 STAINLESS STEEL PELLET

### 01.PRODUCT INTRODUCTION

UPGM-304 is a metal polymer composite material, which is gray and has a particle diameter of 8-14 mesh. It can be used to produce 304 stainless steel metal parts. Through UPRISE 3D printer, you can quickly print out preset model green parts layer by layer, and then get the final compact metal parts through debinding and sintering.



### 02.PERFORMANCE APPLICATIONS

304 stainless steel is the most common stainless steel with excellent corrosion resistance and appropriate conductivity and thermal conductivity. It is suitable for various household and industrial applications, such as food processing, processing equipment, mechanical parts and automobiles.

### 03.MECHANICAL PROPERTIES OF SINTERED PARTS

Test items	Test results	Test criteria
Density (g/cm <sup>3</sup> )	>7.70	GB/T 3850-2015
Relative density(%)	>97.0%	/
Yield strength (MPa)	160	GB/T 228.1-2010
Tensile strength (MPa)	450	GB/T 228.1-2010
Elongation at break(%)	25	GB/T 228.1-2010
Hardness(HRB)	100	/

### 04.PRINTED SAMPLES



### Contact us

Phone: (+86)13392420572 / (+86)13392421307 / (+86)15813725662  
Add: 401, 4th Floor, Building 4B, Huiye Science Park, No.8 Huiye Road, Tangjia Community, Fenghuang Street, Guangming District, Shenzhen

Email: [sales@uprise3d.cn](mailto:sales@uprise3d.cn)  
Web: [www.uprise3d.com](http://www.uprise3d.com)