

**BASF Forward AM Ultrafuse 316L Metal Filament |  
2.85mm | 3kg | Debinding & Sintering Bundle**



Ultrafuse 316L combines greater freedom of design with a low total cost of ownership. 3D-printed parts acquire their final properties, for example in terms of hardness and strength, through a debinding and sintering process developed by BASF, which has emerged as the industry standard. As a filament, Ultrafuse 316 L is 80% stainless steel and has a 20% polymer content which allows for easy printing on many open FFF desktop printers.


**Examples of applications using Ultrafuse 316L:**

**Ultrafuse**

- Tooling
- Jigs and fixtures
- Series production
- Functional parts and prototypes

**Ultrafuse 316L is cost-effective because:**

- Our filament works with any open FFF printer, which means low investment cost in hardware
- We make use of a highly efficient and established post-processing technology used in the Metal Injection Moulding (MIM) industry
- As this is a filament, material handling is much safer and very easy. This allows an easy material exchange in comparison to handling with fine metal powders
- It is in general 1.4 to 2 times cheaper than most metal powders, with less investment in hardware
- There is a significant cost advantage for small and medium-sized components
- The overall manufacturing costs decrease significantly with increasing the lot size

 **With additive manufacturing, you can create full stainless steel parts with a high degree of complexity**

Choosing the right material is critical to the success of your 3D print. Ultimaker's open filament system lets you print with any 2.85 mm filament, and print profiles from the Ultimaker Marketplace streamline print preparation and maximize your print success rate.

