

HP 3D Printing material for HP Jet Fusion 5420W³⁹

3D Printing Solution

Expand your offerings with quality white applications.

HP 3D High Reusability PA 12 W³⁹ - Ideal for engineering-grade, white, quality functional production parts.

Strong, functional complex parts

- Robust thermoplastic produces high-density parts with balanced property profiles and strong structures.
- Ideal for white parts like prosthetics, medical equipment, lighting décor, fashion and wearables, and household appliances.

Quality white parts

- Produce functional white parts with optimal mechanical properties.
- Get consistent performance while achieving up to 75% surplus powder reusability.³⁶
- Optimize cost and quality—white functional parts and industry-leading reusability.³⁷

Engineered for HP Multi Jet Fusion technology

- Designed for production of white functional parts across a variety of industries, including healthcare and consumer goods.
- Provides the best balance between white performance and reusability.³⁸
- Engineered to produce functional prototypes with fine detail and dimensional accuracy.

| | Value | Method |
|----------------------------|---|-----------------------|
| Powder melting point (DSC) | 188°C 370°F | DIN EN ISO 11357 |
| Particle size (D50) | 57 µm | DIN EN ISO 8130/13 |
| Bulk density of powder | 0.435 g/cm ³ 0.015 lb/in ³ | ISO 60 |



Data Courtesy of Invent Medical



Data courtesy of Castomade



Data Courtesy of Ed Lighting

