

# HP 3D High Reusability PP enabled by BASF<sup>17</sup>— Chemical resistant,<sup>18</sup> weldable, low moisture absorption, functional parts

## Genuine, functional PP parts

- Get the same properties as many commonly used PPs with this genuine polypropylene material
- Accelerate your product development process using the same prototyping material as the final part

## Chemical resistance,<sup>18</sup> low moisture absorption

- Excellent chemical resistance and low moisture absorption ideal for piping or fluid systems and containers<sup>18</sup>
- Outstanding welding capabilities with other PP parts produced with traditional methods like injection molding
- Versatile material ideal for a wide range of automotive, industrial, and consumer goods applications

## Lowest cost HP 3D material for HP Multi Jet Fusion

- Our best value HP 3D material delivers consistent performance with up to 100% surplus powder reuse<sup>19</sup>
- Provides the optimal balance between performance and cost<sup>20</sup>
- Easy-to-process material enables high productivity and less waste<sup>21</sup>



	Value	Method
Powder melting point (DSC)	138° C 280° F	ASTM D3418
Particle size	62 µm	ASTM D3451
Bulk density of powder	0.34 g/cm <sup>3</sup> 0.012 lb/in <sup>3</sup>	ASTM D1895

## Providing reassurance

HP 3D Printing materials comply with a number of recognized health and safety standards.

Statements <sup>6</sup>	HP 3D High Reusability PA 11	HP 3D High Reusability PA 12	HP 3D High Reusability PA 12 Glass Beads	HP 3D High Reusability PP enabled by BASF
Biocompatibility	✓	✓	n/a	In testing
REACH	✓	✓	✓	✓
RoHS	✓	✓	✓	✓
PAHs	✓	✓	✓	In testing
Statement of Composition for Toy Applications	✓	✓	n/a	In testing
UL 94 and UL 746A	n/a			In testing

