

Product Information

# INFINAM® PA 6007 P

## POLYAMIDE-12 POWDER FOR ADDITIVE MANUFACTURING PROCESSES

**INFINAM® PA 6007 P** is a fine powder especially for the use in additive manufacturing. It is characterized by a high toughness and softness. Our product is suitable for manufacturing of functional prototypes, manufacturing of individual units as well as serial parts. INFINAM® PA 6007 P is especially suitable for powder bed fusion technologies.

### Features

- Exploitable on common systems for powder-based additive manufacturing
- Easy-to-process
- High process stability
- Excellent powder flow properties
- Excellent mechanical properties
- Excellent recyclability
- Excellent surface resolution and feature detail
- Nice surface finish
- Good resistance against numerous chemicals

The features and properties presented are to be understood as typical and are intended for reference and comparison purposes only. Due to layer-wise construction and by variation of processing conditions the actual properties of components from additive processes will vary. Due to process-related deviations the user is responsible to ensure the characteristic values required for the respective use and to carry out additional application-related tests if necessary.

The values presented are typical or average values, they do not constitute a specification.

FOR FURTHER INFORMATION PLEASE CONTACT US AT [EVONIK-HP@EVONIK.COM](mailto:EVONIK-HP@EVONIK.COM)  
OR VISIT OUR PRODUCT AT [WWW.INFINAM.COM](http://WWW.INFINAM.COM)

### Thermal properties

	dry / cond	Unit	Test Standard
Melting temperature	187 / *	°C	ISO 11357-1/-3

### Powder properties

	Value	Unit	Test Standard
Bulk density, powder	440	g/l	EN ISO 60
Particle size, D(50)	45	µm	ISO 13320, DIN ISO 8130-13

## Characteristics

### Key Features, Industrial Sector

Sustainable, Industry and Engineering, 3D Printing

### Key Features, Sustainability

RFP (reduced foot print)

### Key Features, Processing

3D Printing

### Key Features, Delivery form

Powder

### Processing

Additive manufacturing, Powder bed fusion

### Delivery form

Fine powder (FP)

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