



# 3D Printing 6061 Aluminum Alloy

When you need to kick your designs in to high gear  
choose CNPC POWDER as your trusted source for  
Aluminum alloy powders.

CNPC POWDER NORTH AMERICA INC  
2991 W 32ND AVE  
VANCOUVER BC V6L2B8  
902-316-0218

# 6061 OVERVIEW

AL

High-purity  
Low cost  
Aluminum  
Alloy Powders  
advancing  
innovation in  
AM.

6061 alloy is an aluminum alloy that has been hard at work since the 1930s, and has been a mainstay medium/high strength alloy with very good corrosion resistance that make it ideal in marine applications. This alloy is also praised for its ability to be welded and easily machined. This increases its adaptability in the market.

## APPLICATIONS:

- Structural Components
- Valves
- Electrical Fittings
- Frames
- Camera Components

# THE CNPC POWDER ADVANTAGE


CNPC POWDER's AMP technology, when compared with the Plasma Rotating Electrode Pulverizing technology (PREP), the aluminum powder produced by AMP atomizers, has a better composition ratio, less gas consumption and lower cost while ensuring high sphericity. These benefits mean that our powder can provide clients with powder that can meet more demanding requirements for AM grade Aluminum alloys and other materials.

OUR POWDERS FEATURE:

- High sphericity and fluidity.
- Low oxygen and low nitrogen levels
- High efficiency for targeted particle sizing
- Higher production output with a much shorter production cycle



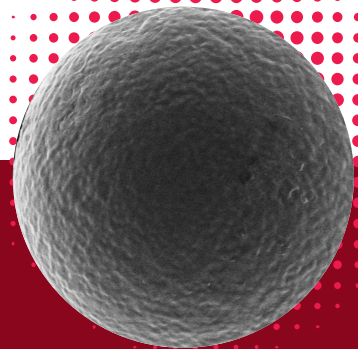
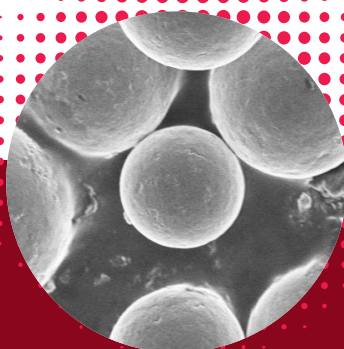
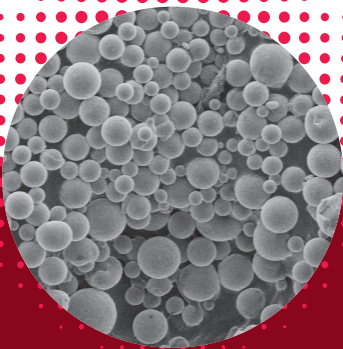
# Advancing Powder technology



Our new Atomizer now produces up to 70% of a single lot within 20-80 microns, and an average D50 of 39 microns.

AMP production volumes for Aluminum alloys is around 30 tons per month per alloy.

# CNPC POWDER



## CNPC POWDER NORTH AMERICA INC

Add:2991 W 32nd Ave  
Vancouver BC V6L 2B8 Canada  
Email:[inquiry@cnpcpowder.com](mailto:inquiry@cnpcpowder.com)  
Tel:1-604-889-8891  
Fax:1-888-750-2885

## CNPC POWDER CHINA LTD

Office:Room 303,Building B, No.568 West  
Jinshajiang Road, Shanghai,201803 China

Factory: No.102, Fengxiang Ave Economic  
Development Zone, Fengyang,  
Anhui,233100, China  
Email:[inquiry@cnpcpowder.com](mailto:inquiry@cnpcpowder.com)  
Tel:0086 21 69005580  
Fax:0086 21 60919255