# forAM® Cu-OFHC GA

## Pure copper alloy for Additive manufacturing

**forAM Cu-OFHC** is a Gas atomised powder with highest purity paired with low oxygen content. This alloy offers excellent electrical and thermal conductivity satisfying even the most demanding application requirements. This alloy addresses a wide range of AM technologies such as PBF-LB, DED and Cold Spray.

Typical applications are components for electrification, inductions coils and heat exchangers.

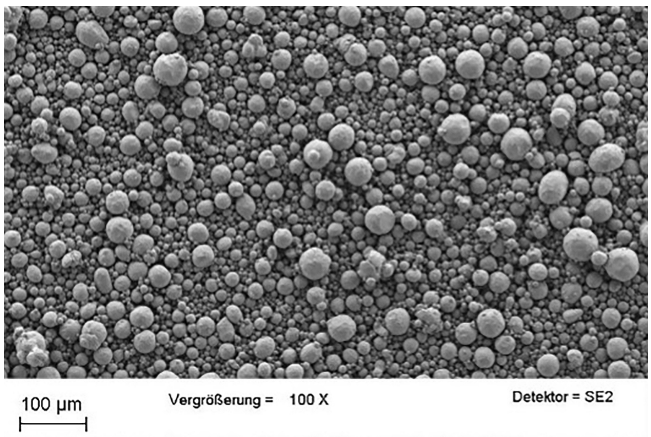
**Equivalent materials:**

» CW007A

**For more information on forAM product line and other of Höganäs products, please contact your local sales representative.**

## Powder properties

| Chemical composition, wt | |
|---|---|
| **Element** | **Content, %** |
| **Cu** | >99.95 |
| **O** | <0.0500 |




| Typical powder properties | | |
|---|---|---|
| Nominal particle size range | 15-53 µm | ISO 13322-2 |
| Apparent density | >4.7 g/cc | MPIF04; ASTM B212; ISO 3923-1:2018 |

## Standard packaging:

10 kg (3.6 L Curtec container, under Argon cover gas)

(Other tailored particle sizes and packaging are available under conditions)



Höganäs

www.hoganas.com

At Höganäs, we have designed our high-quality 3D printing metal powders for the special requirements of additive manufacturing. Manufacturers all over the globe achieve optimal results with our products and value them for the following characteristics: excellent flowability, good spherical shape, controlled oxygen and nitrogen content, full and high packing density and perfect reproducibility.