



Copper Powder -38 +15 µm

INDUSTRIAL APPLICATIONS METAL POWDER

PRODUCT DESCRIPTION
Gas atomized copper powder

KEY FEATURES

Spherical shape, excellent flow properties, low oxygen content

State-of-the-art post-treatment procedure is applied to the copper powder particles, resulting excellent feeding homogeneity, hence coating uniformity and eliminating any nozzle clogging issues.

APPLICATIONS
Cold Gas Spraying

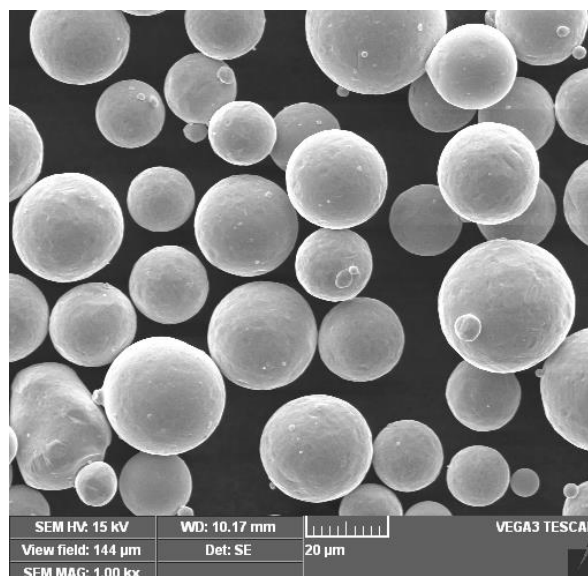
TYPICAL PROPERTIES

PHYSICAL DATA:		
Apparent Density	4,5 - 5,5	g/cm ³

CHEMICAL DATA:		
Chemical purity	≥ 99,95	%
Oxygen content	≤ 250	ppm

LOSSES:		
110°C loss - 1 hour in air	≤ 0,05	%

SIZE RANGE:		
+ 38 µm	max. 2	%
- 15 µm	max. 5	%



Approved in mass production



COLD SPRAY DATA:		
Porosity	< 0,4	%
Deposition efficiency	99	%
UTS "as sprayed"	~ 300	Mpa
Deposition rate	≤ 9,2	kg/h

