

# PRODUCT DATASHEET

## Silver Powder -50 +20 $\mu\text{m}$

### INDUSTRIALS APPLICATIONS METAL POWDER

PRODUCT DESCRIPTION  
Gas atomized silver powder

KEY FEATURES  
Spherical shape

APPLICATIONS  
Thermal spraying

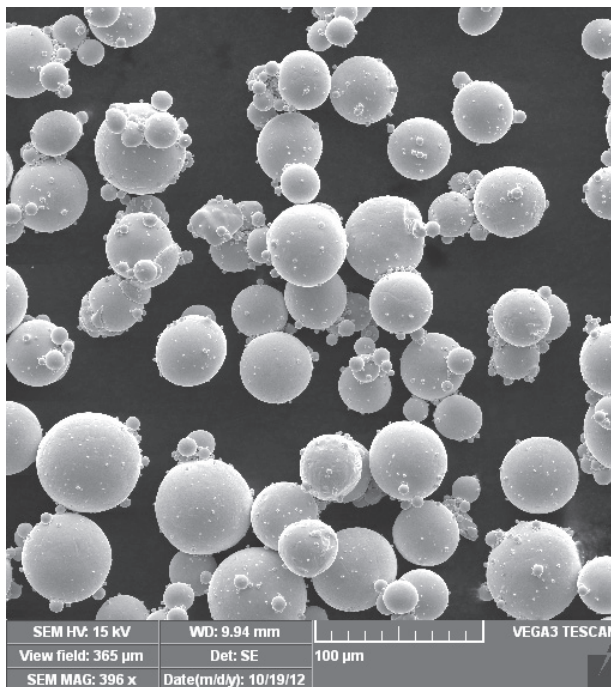
### TYPICAL PROPERTIES

PHYSICAL DATA:	
Tap Density	4.5 - 5.0 g/cm <sup>3</sup>
Apparent Density	3.4 - 3.6 g/cm <sup>3</sup>
Surface Area	0.03 m <sup>2</sup> /g

CHEMICAL DATA:	
Chemical purity	99.99 %
Oxygen Content	$\leq 25$ ppm

LOSSES:	
110°C loss - 1 hour in air	0.02 %
538°C loss - 1 hour in air	0.10 %

SIZE RANGE:	
-50 +20 $\mu\text{m}$	
d50	35-40 $\mu\text{m}$



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