



# SILVER SEMIFLAKE POWDER AX 10C

- \* **THE HIGHEST METAL PURITY**
- \* **THE HIGHEST IONS PURITY**
- \* **SEMIFLAKE SHAPES OF PARTICLES**
- \* **EXTREMELY HIGH TAP DENSITY VALUE**

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## GENERAL DESCRIPTIONS:

Silver powder **AX 10C** is special prepared silver powder with extremely high value of tap density. Particles looking like mixture of very fine powder and semiflake. This product is the highest metal purity and contains ions as low as possible.

Very high tap density is one of the biggest advantages **AX 10C** because is possible to use more like 80% this filler with liquid resins. Formulation with such a big percentage of filler still will be looking like flowable paste with medium viscosity value. With mixing this type of silver with normal flake is possible adjusting viscosity and thixotropy without and additional additives.

## SPECIFICATIONS:

Silver	Min. 99.99%
Max. metal impurities	Pb max. 0.0005%
	Fe max. 0.0025%
	Zn max. 0.0002%
	Cu less 0.0008%
Tap density *	5.8 – 6.5 g/ccm
Average particle size **	3 – 6 µm
Max. agglomerate size ***	6 – 10 µm
Lubricant type ****	KS10
Weight loss *****	Max. 0.3 %
Ions impurities (Cl, Na, K) *****	Less 10 ppm (total)

(\*) Tap Density – ASTM Designation B 527-85.

(\*\*) Particle Average Size – by Coulter measurement method.

(\*\*\*) According ASTM Designation D 1210-79.

(\*\*\*\*) According AXMC code.

(\*\*\*\*\*) Weight loss: Test conditions: 538°C – 1 hour. Read result as sum of all losses (at 110°C, 177°C and 538°C).

(\*\*\*\*\*) @ Dionex Analyzer

**ATTENTION:**

**AX 10C** is metal powder. Use protective gloves, goggles and good ventilation for your personal protection.

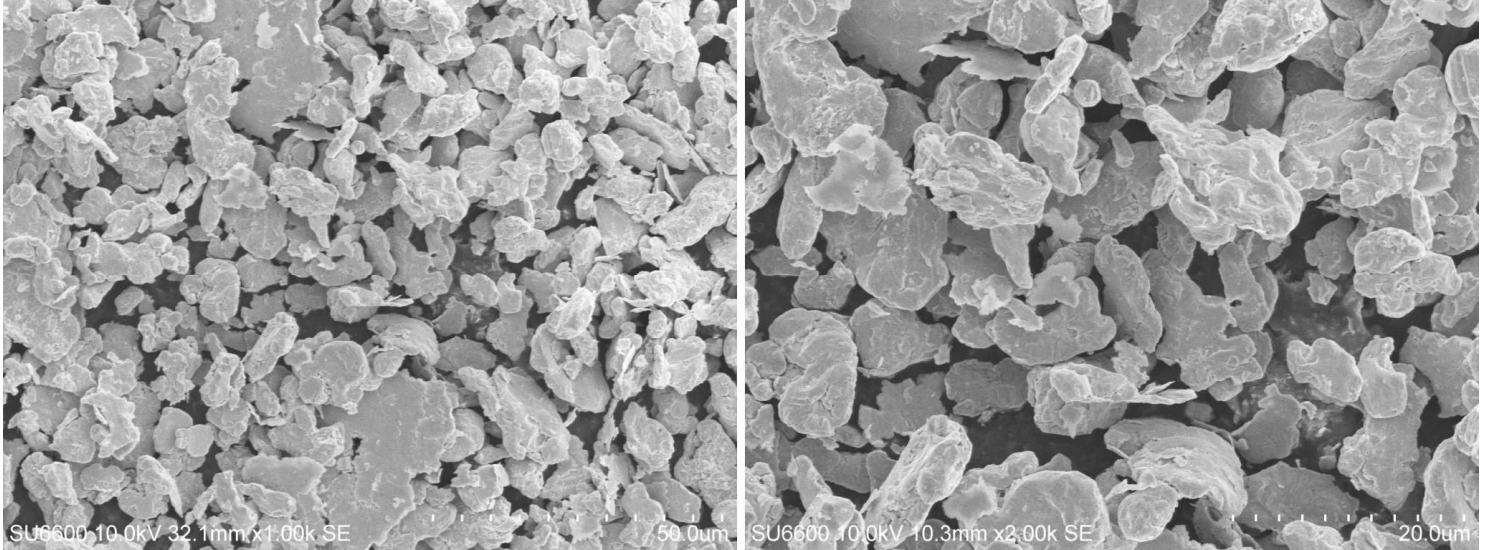


Fig. 1.

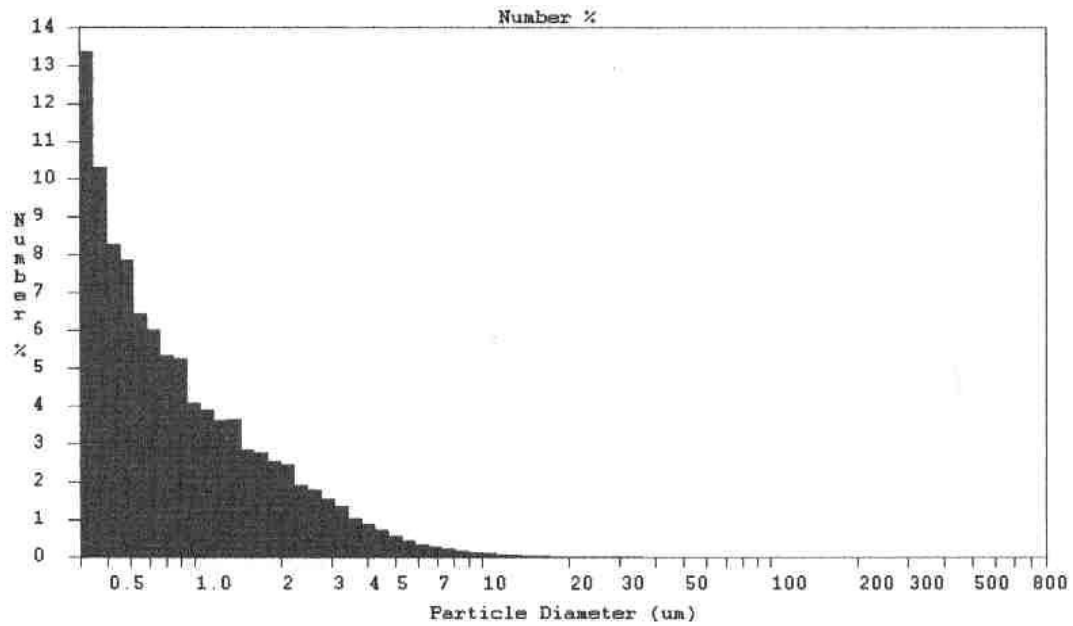


Fig. 2

Fig. 1 - SEM pictures of Silver Powder AX 10C. (\*)

Fig. 2 - particle size distribution (Number - versus particle diameter) (\*)

(\*) - Typical for number of tests.

This information is based on data and tests believed to be accurate. **AMEPOX MC** makes no warranties (expressed or implied) as to its accuracy and assumes no liability in connection with the use or inability to use this product.

(SilverPwD - AX10C)