

SILVER POWDERS AND FLAKES

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REF	APPEARANCE	MEAN DIAMETER in microns	GRANULOMETRY MAX	DENSITY	COPPER CONTENT ppm	CHLORINATE CONTENT ppm	SODIUM CONTENT ppm	POTASSIUM CONTENT ppm	DRY MATTER 600°C TGA1	COMMENTS
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SILVER POWDERS

PO 0.8	Powder	0,8	100	1,3	< 300	< 10	< 10	< 10	> 99,8	Fine powder - Effect thickening more marked on the polymeric pastes
PO 1.0	Powder	1,0	100	1,8	< 300	< 10	< 10	< 10	> 99,8	Medium size powder - More easily dispersible on the polymeric pastes
PO 1.2	Powder	1,2	100	2	< 10	< 10	< 10	< 10	> 99,8	Larger size powder even more easily dispersible
PO 10	Powder	1	100	3	< 50	< 10	< 10	< 10	> 99,8	Suitable for making conductive tracks on flexible circuit
PO 11	Powder	1,2	40	3	< 50	< 10	< 10	< 10	> 99,8	Suitable for making conductive tracks on flexible circuit, for capacitor anodes
PO 12	Powder	13	100	3	< 10	< 10	< 10	< 10	> 99,8	Suitable for capacitor anodes
PO 13	Powder	13	40	3	< 10	< 10	< 10	< 10	> 99,8	Very fine powder - Easily dispersible

SILVER FLAKES

PA 01	Flakes	14	63	2,65	< 300	< 10	< 10	< 10	> 98,8	Low tap density giving a good electrical conductivity
PA 02	Flakes	6	63	3,2	< 300	< 10	< 10	< 10	> 99,8	Moderate tap density after settling it to be uses in conductive paint with minimum sedimentation
PA 03	Flakes	6	40	3,2	< 300	< 10	< 10	< 10	> 98,8	Easily dispersible - Medium tap density
PA 04	Flakes	5	25	5,4	----	----	----	----	> 99,8	High density - High electrical conductivity - High thermal conductivity
PA 05	Flakes	8	63	3,7	< 300	< 10	< 10	< 10	> 99,8	Medium tap density - Good ionic purity
PA 06	Flakes	6	40	3,8	----	< 10	< 10	< 10	> 99,8	Suitable for making conductive tracks on flexible circuit, for capacitor anodes
PA 07	Flakes	7	63	3,75	----	< 10	< 10	< 10	> 99,8	Suitable for capacitor anodes
PA 08	Flakes	8	40	3,5	< 10	< 10	< 10	< 10	> 99,8	Suitable for making conductive tracks on flexible circuit, for capacitor anodes
PA 09	Flakes	4	40	4,5	< 10	< 10	< 10	< 10	> 99,8	Easy dispersible - High tap density giving a low viscosity
PA 10	Flakes	10	40	2,9	----	< 10	< 10	< 10	> 99,8	The fineness helps to produce very smooth surfaces
PA 11	Flakes	4	40	5,5	----	----	----	----	> 99,8	High density silver - Very fine flakes - Good conductivity
PA 14	Flakes	14	65	2,65	< 300	< 10	< 10	< 10	> 99,8	Good electrocally conductive. More higher polymeric paste

The information in this sheet is based on data measurements which we believe to be correct. Epotecny, however, does not accept responsibility for the adaptation of this product to any particular use.

Maj 16/12/2008