



ARGUNA® 621 Bright Silver Electrolyte

For bright, brilliant white coatings
without blue cast

ARGUNA® 621 deposits bright, very light white coatings without blue cast with simple bath maintenance. The silver electrolyte is suitable for decorative as well as technical applications, it is used for rack and barrel plating across a wide applicable current density range.



The throwing power of the bright silver electrolyte is excellent and it can be operated even at higher temperatures. For deposition on nickel, no strike silver plating is necessary.

Electrolyte characteristics

Electrolyte type	Alkaline-cyanide
Metal content	40 (30 - 45) g/l Ag
pH value	Alkaline
Operating temperature	RT (20 - 45) °C
Current density range	0.5 - 5 A/dm ²
Plating speed	0.64 - 2.56 µm/min
Anode material	Fine silver

Coating characteristics

Coating	Fine silver
Purity	99.9 wt.% Ag
Colour of deposit	Light white
Brightness	Bright, brilliant
Hardness	80 - 110 HV
Max. coating thickness	More than 100 µm

Advantages

- Very light, brilliant white colour without blue cast
- Excellent throw pdf-rowing power
- Wide temperature range up to 45 °C
- Wide applicable current density range
- High carbonate tolerance
- Direct deposition on nickel without strike silver plating
- Simple bath maintenance
- Suitable for rack and barrel

Applications

- Accessories
- Jewellery
- Watches
- Spectacle frames
- Household articles
- Hollow ware
- Writing implements
- LEDs
- Contact

Your contact person



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