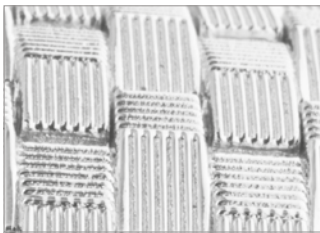




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# ARGUNA<sup>®</sup> 621

## BRIGHT SILVER ELECTROLYTE



### For Bright, Brilliant White Coatings Without Blue Cast

ARGUNA<sup>®</sup> 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.



### Advantages

- Very light, brilliant white colour without blue cast
- Excellent throwing 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
- Contacts

# ARGUNA® 621

## BRIGHT SILVER ELECTROLYTE



### TECHNICAL SPECIFICATIONS

| 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 <sup>2</sup> |
| 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 of deposit<br>HV 0.015 (Vickers) approx. values | 80 - 110 HV       |
| Max. coating thickness                                   | More than 100 µm  |

Umicore Galvanotechnik GmbH  
 Klarenbergstrasse 53-79  
 73525 Schwaebisch Gmuend (Germany)

Technical Support: Phone +49 7171 607-305  
 Sales Department: Phone +49 7171 607-204

[www.ep.unicore.com](http://www.ep.unicore.com)



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