

Trivalent Chromium Plating



COTEC has various surface treatment technologies and the company concentrates on products development and quality control to develop various surface treatment items



Production items and applications

Department / Material	Electronics, Automobile, Mobile equipment / SUS and steel
Usage	Replacement of hexavalent chromium plating

Equipment condition

AERO COTEC	670 × 1,000 × 1,086 mm
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Trivalent Chromium Plating

Capable of coating complex parts

Our technologies and their applications

Characteristic

- Economical. (Considering the waste treatment expense)
- High current efficiency and fast coating speed.
- Uniform coating.
- Good corrosion resistance and abrasion resistance.
- Relatively low toxicity. (For worker's health and safety)
- Specific color. (Hexavalent chromium : blue, trivalent chromium : black)
- Difficult work condition.
- Difficult formation of thick and hard coating layers.
- Slow drying.
- Drying cost is high. (10 times higher than hexavalent chromium plating)

Applicable parts

Automotive parts, Mobile equipment parts, Electronic products

COTEC Plating Process



Process



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