



Metal deposition



Crodega pure 3+ FS

Brilliant corrosion resistant bluish white deposits

Crodega pure 3+ FS is an acidic chromium-III-containing electrolyte from which bluish white layers can be deposited. Crodega pure 3+ FS contains trivalent chromium and can be used as substitute for hexavalent chromium bathes. Therefore the bath is less harmful than hexavalent chromium bathes. Additionally the waste water treatment is much easier.



Properties and Benefits

- Bluish white deposits
- Corrosion resistant
- Hard deposits
- No CLP-classification of the electrolyte
- Simplified waste water treatment
- $L^* = 83, a = -0,5, b = +1,5$

Application area

- Automotive industry
- Technical applications
- Decorative applications

Crodega pure 3+ FS_E

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Technical Data

Electrolyte parameters		
Parameter	Range	Optimum
pH-Value	3,5 – 3,9	3,7
Specific gravity		22°Bé/20°C = 1,20 g/cm ²
Chromium	7,0 – 9,0 g/l	8,0 g/l
Current density	3 – 10 A/dm ²	5 A/dm ²
Cathode:Anode-Ratio	1:2 – 1:5	
Temperature	50 – 60 °C	55 °C
Agitation		Necessary

Deposit characteristics
 bluish white

Products available

- Crodega pure 3+ FS Chromium solution
- Crodega pure 3+ FS Density correcting salt
- Crodega pure 3+ FS Brightener 1
- Crodega pure 3+ FS Brightener 2
- Crodega pure 3+ FS Wetting agent
- Crodega pure 3+ FS Complexer

FOR ANY FURTHER INFORMATION WE WILL BE PLEASED TO BE AT YOUR DISPOSAL PERSONALLY UNDER +43 (0)2287 71073 OR OFFICE@IWGPLATING.COM

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