



Metal deposits



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
- $L^* = 84 \text{ bis } 85$, $a = -0,3 \text{ bis } -0,8$,
 $b = -0,3 \text{ bis } -0,8$

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-Wert	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
Surface tension	35 – 45 dyn/cm	40 dyn/cm

Deposit characteristics

Appearance..... bluish white

Products available

3250000	..... Crodega® pure 3+ FS Chromium solution
3250100	..... Crodega® pure 3+ FS Density correcting salt
3250200	..... Crodega® pure 3+ FS Brightener 1
3250300	..... Crodega® pure 3+ FS Brightener 2
3250400	..... Crodega® pure 3+ FS Stabilizer
3250500	..... Crodega® pure 3+ FS Wetting agent
3250600	..... Crodega® pure 3+ FS Complexer
3250700	..... Crodega® pure 3+ FS Purification resin
3250800	..... Crodega® pure 3+ FS Replenisher
1061000	..... Boric acid

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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