



Version: 24 March 2025



PLATINODE® Cr3

Pt/Nb-ANODES FOR Cr6-FREE ETCHING SYSTEMS



Very corrosion resistant anodes thanks to a platinum-niobium combination

In Cr6 free etching systems, functional components are chemically reduced and must be re-oxidized in a separate electrolysis cell at an insoluble anode surface.

We also have the right anode for this electrochemical reconditioning. There is hardly a more corrosion-resistant combination than platinized niobium. Our HTE process enables us to produce anodes with this combination.

For years this anode has been successfully used in highly halogenated & corrosive electrolytes. Now it shows its strength also in the etching systems of the chrome(III) process! Also here we can support you with a short delivery time.

Our combination of MMO 187 LOC for chrome(III) process and our PLATINODE® NbPt for Cr6-free etching is already used by well-known companies.

Advantages

- Extremely durable for a long lifetime
- Low manganese dioxide formation
- No sludge formation
- Qualitatively constant and stable process
- Possibility of replatinization
- Simple handling
- Consulting, planning and extended service on site

Applications

- Cr3 pre-treatment

YOUR CONTACT

Do you have a specific question or would you like a no-obligation quote calculation? Our specialist will be happy to help you with any technical questions you might have.



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The information and statements contained herein are based on our experience in the fields of research and applied technology and are believed to be accurate at the time of publication, but - unless agreed in writing - we make no warranty with respect thereto, including but not limited to any results to be obtained. This product information sheet in the English language prevails any translation.

Shorter delivery times possible
thanks to optimized production

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TECHNICAL SPECIFICATIONS

Work conditions	
Anodic current density (equipment-dependent)	0 - 30 A/dm ² depending on expanded metal type
Current type	Direct current, PP, RPP
Contacting	clips, screws
pH value	Acidic to alkaline
Temperature	RT - 80 °C

Coating characteristic	
Coating	Pt mixed oxide
Color of deposit	black
Condition	microporous
Layer weight	20 - 40 g/m ² Pt proportion

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