

ニコジンク ACS

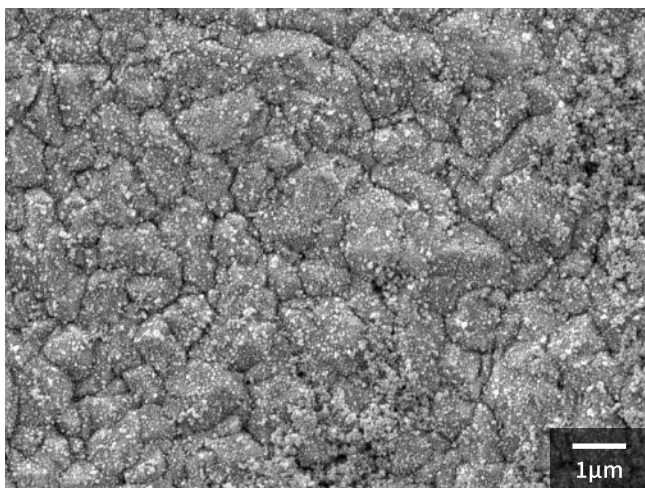
NICOZINC ACS

析出速度と耐食性に優れたZn-Ni-SiO₂複合めっき液

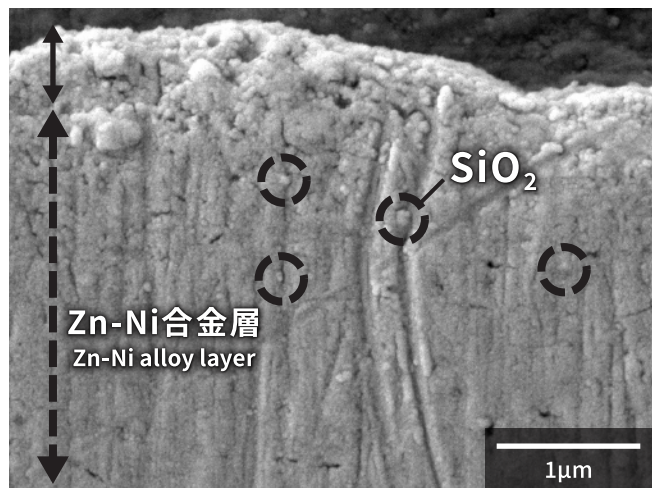
Zn-Ni-SiO₂ Composite Plating Solution for High Deposition Rate and Great Corrosion Resistance

- 高い析出速度 (2A/dm² : 0.41μm/min)と優れた耐食性
High deposition rate (2A/dm² : 0.41μm/min), great current efficiency
- 幅広い電流密度範囲で安定した合金比率 (12~15mass%)
Obtain stable alloy ratio at wide current density area (12 to 15mass%)

SiO₂ 粒子が共析 Co-deposit SiO₂ particles

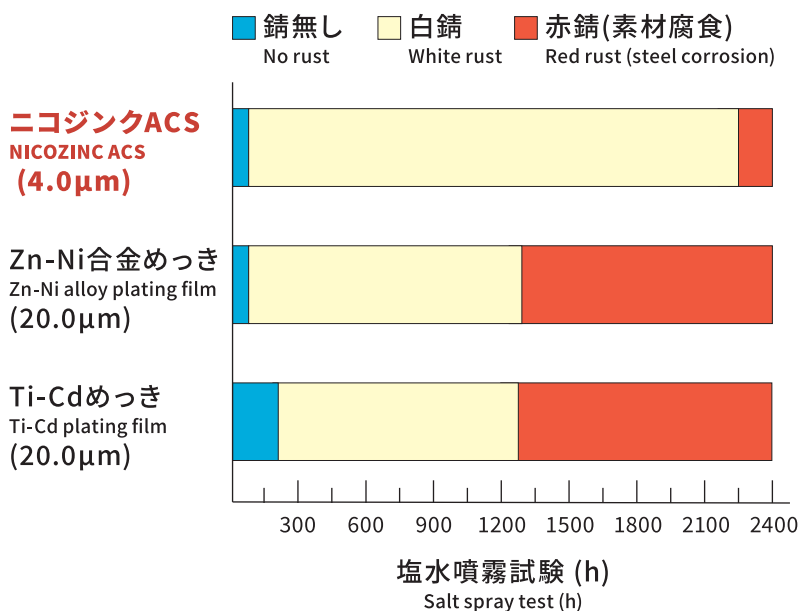


表面SEM像
SEM image (surface)



断面SEM像
SEM image (cross section)

優れた耐食性 Excellent in corrosion resistance



標準処理条件 Standard condition

pH	2.0
浴温 Bath temperature	40°C
電流密度 Current density	2A/dm ²
空気攪拌 Air agitation	1.5L/min
陽極 Anode	ニッケル Nickel
陰極 Cathode	鉄鋼 Steel