

# ニッケル溶出対策 光沢ニッケルめっき用添加剤

# アクナBNL

Additive for Bright Nickel Plating For Preventing Nickel Dissolution

## ACNA BNL

●ニッケル溶出し難い光沢ニッケルめっき皮膜が得られる

●特に低電流密度部のニッケル溶出抑制効果が高い

- Provide bright nickel deposit that will not be dissolved easily
- Strongly prevent nickel dissolution at the areas that are plated by a low current density

### 作業条件 Working condition

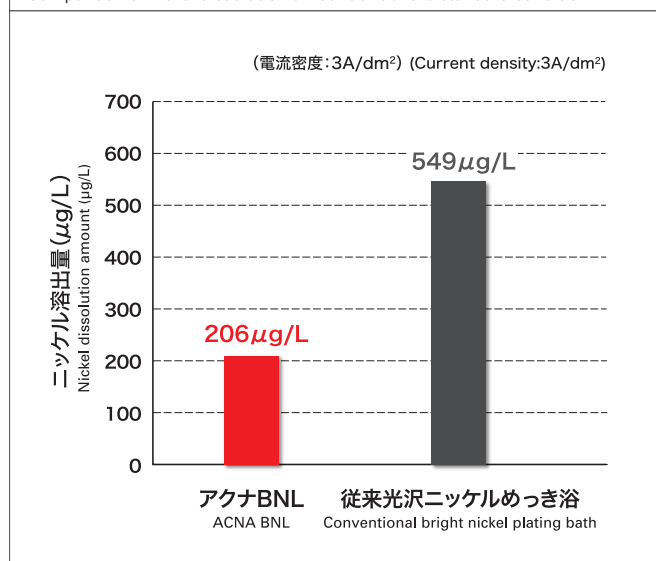
建浴組成 Bath composition		標準濃度 Standard	標準電解条件 Working condition	
硫酸ニッケル六水和物 Nickel sulfate		280g/L	pH	4.2
塩化ニッケル六水和物 Nickel chloride		60g/L	陰極電流密度 Current density	3A/dm <sup>2</sup>
ホウ酸 Boric acid		40g/L	陽極 Anode	ニッケル板 Nickel plate
アクナBNL-1 ACNA BNL-1		5ml/L	浴温 Bath temperature	55°C
アクナBNL-2 ACNA BNL-2		0.25ml/L	攪拌 Agitation	空気攪拌 Air agitation
アクナBNL-3 ACNA BNL-3		10ml/L	ろ過 Filtration	連続循環ろ過 Continuous filtration
アクナH ACNA H		5ml/L		

### 優れたニッケル溶出抑制効果

Excellent in nickel dissolution preventing effect

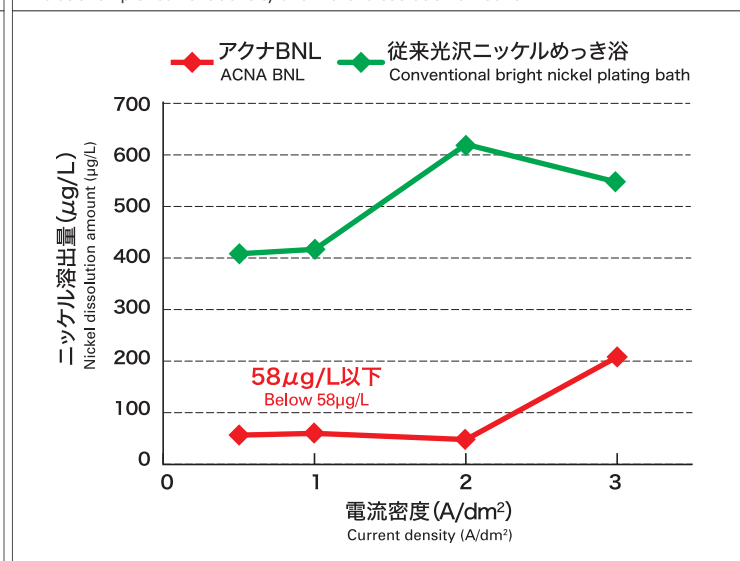
#### 標準条件でのニッケル溶出量の比較

Comparison of nickel dissolution amount under the standard condition



#### 電流密度とニッケル溶出量の関係

Relationship of current density and nickel dissolution amount



溶出液 (JIS S 3200-7) Solution for nickel dissolution test is according to JIS S 3200-7