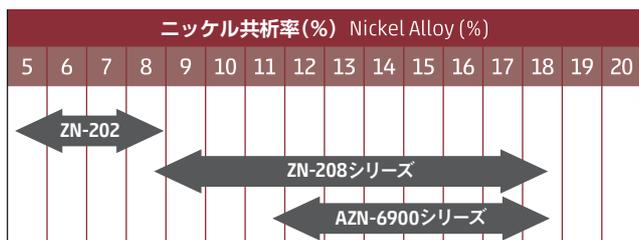


# 亜鉛ニッケル合金めっき Zinc-Nickel Alloy Plating

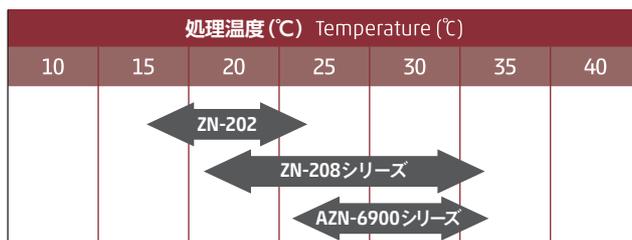
アルカリ型：ストロンNiジंक [ZN-208シリーズ] Alkaline type : Stron Ni Zinc [ZN-208 Series]

酸性型：アシッドNiジंक [AZN-6900シリーズ] Acid type : Acid Ni Zinc [AZN-6900 Series]

## ニッケル共析率範囲 Nickel Alloy % range



## 処理温度範囲 Temperature range



## 耐熱耐食性が良好 Heat resistance is good

亜鉛めっきと亜鉛ニッケル合金めっきの耐熱耐食性の比較 (Salt Spray Test : JIS Z2371)  
Heat-resistant corrosion-resistant comparison between zinc plating and zinc-nickel alloy plating

### Znめっき Zinc plating

加熱温度 (°C)	加熱時間 (時間)	塩水噴霧試験時間 (hr)															
		0	24	48	72	120	240	360	480	600	720	960	1200	1440	1680	1920	2160
60	20	[Photographs showing corrosion progression for Zn plating at 60°C/20h]															
100	20	[Photographs showing corrosion progression for Zn plating at 100°C/20h]															
150	20	[Photographs showing corrosion progression for Zn plating at 150°C/20h]															
200	20	[Photographs showing corrosion progression for Zn plating at 200°C/20h]															
250	20	[Photographs showing corrosion progression for Zn plating at 250°C/20h]															
300	20	[Photographs showing corrosion progression for Zn plating at 300°C/20h]															

### Zn-Ni合金めっき Zinc-nickel alloy plating

加熱温度 (°C)	加熱時間 (時間)	塩水噴霧試験時間 (hr)															
		0	24	48	72	120	240	360	480	600	720	840	960	1200	1440	1680	1920
60	20	[Photographs showing corrosion progression for Zn-Ni alloy plating at 60°C/20h]															
100	20	[Photographs showing corrosion progression for Zn-Ni alloy plating at 100°C/20h]															
150	20	[Photographs showing corrosion progression for Zn-Ni alloy plating at 150°C/20h]															
200	20	[Photographs showing corrosion progression for Zn-Ni alloy plating at 200°C/20h]															
250	20	[Photographs showing corrosion progression for Zn-Ni alloy plating at 250°C/20h]															
300	20	[Photographs showing corrosion progression for Zn-Ni alloy plating at 300°C/20h]															

## 亜鉛ニッケル合金めっき浴の特長 (酸性浴/アルカリ性浴) Feature of zinc-nickel alloy plating bath (Acid bath / Alkali bath)

部品 Parts	浴種 Kind of the bath		選択のポイント Point of the choice
	酸性浴 Acid bath	アルカリ浴 Alkali bath	
鋳物類 Castings	◎	—	アルカリ浴ではめっきが困難 Plating is difficult in alkaliline bath
パイプ類 Pipes	—	◎	均一電着性と二次加工性を重視 Uniform thickness and Secondary processability
ボルト類・ナット類 Bolts・Nuts	○	○△	酸性浴：生産性 (めっき時間が短い) Acid:Productivity (short plating time)
プレス品類 Press products	○△	○	アルカリ浴：均一電着性 Alkali:Uniform thickness