

プラスチックめっき用電気めっきプロセス

Electroplating Process for Plastics

TOP DuNCプロセス

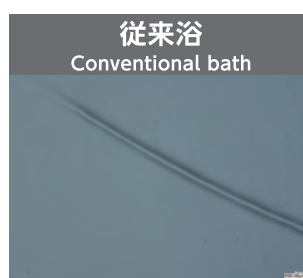
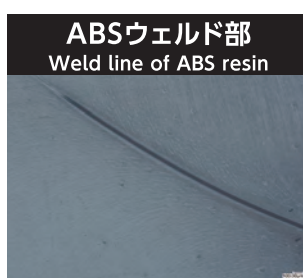
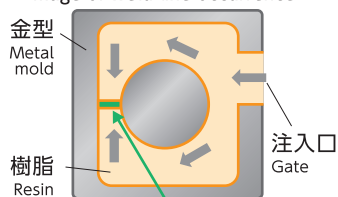
TOP DuNC PROCESS

- ▶ 耐食性、皮膜物性に優れ、美しい外観と様々な色調を実現
High corrosion resistance, great film properties, can realize beautiful appearance and colors
- ▶ 次工程に及ぼす影響を最小化した薬品設計
Designed to minimize impact on next step
- ▶ 浴管理が容易
Easy bath control

硫酸銅めっき TOP DuNC CU-G Acid copper plating

樹脂の凹凸を埋め込み、高光沢性を実現
Can cover dent areas finely, realize high brightness

ウェルドライン発生イメージ
Image of weld line occurrence



半光沢ニッケルめっき TOP DuNC SB-XE Semi-bright nickel plating

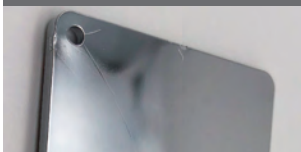
光沢ニッケルめっき TOP DuNC BN-2C Bright nickel plating

TOP DuNC SB-XE
TOP DuNC BN-2C



クラックなし No cracks

従来浴
Conventional bath



クラック Cracks occurrence

皮膜物性に優れ、クラックを防ぐ
半光沢/光沢ニッケルめっき
Great film properties, can prevent cracks
by semi-bright nickel plating and bright nickel plating

サテン調ニッケルめっき TOP DuNC ST Satin nickel plating

TOP DuNC ST

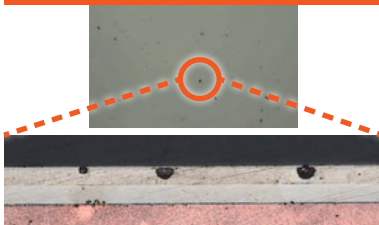


高級感のあるサテン外観を表現
Can express luxurious satin nickel films

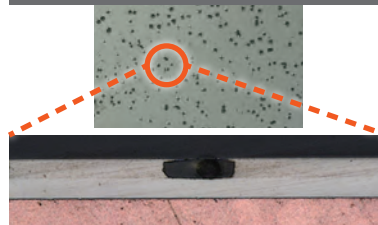
マイクロポーラスクロム用ニッケルめっき TOP DuNC POWDER FS Nickel plating for micro-porous chromium plating

不溶性微粒子が均一に共析
Insoluble micro powder co-deposits uniformly

TOP DuNC POWDER FS



従来浴 Conventional bath



CASS試験80時間後の表面外観と腐食孔の断面外観
Appearance after CASS test for 80h (surface and cross-section of corrosion pit)

高い腐食分散と高耐食を実現
High corrosion spread, realize high corrosion resistance

6価クロムめっき Chromium (VI) plating TOP DuNC CR-FF

3価クロムめっき Chromium (III) plating トップファインクロム, トップファルベシリーズ TOP FINECHROME, TOP FARBE series