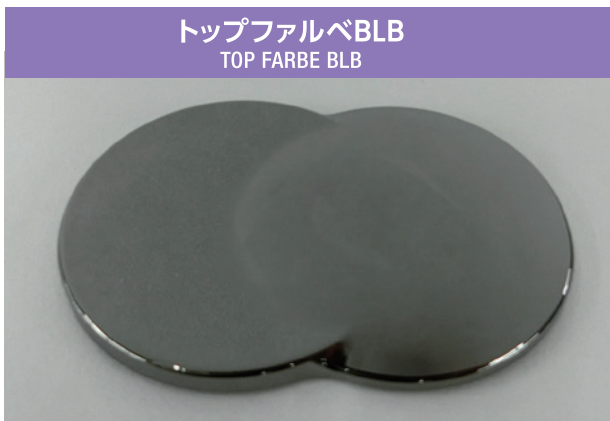


青黒色3価クロムめっき液
Blue-black Trivalent Chromium Plating Solution

トップファルベBLB/BLB Plus

TOP FARBE BLB/BLB Plus

- **黄みを大幅に抑えた美しい青黒色**
Beautiful blue-black color, reduce yellow tone
- **つきまわり性、成膜性に優れ、作業時間を短縮できる**
High covering power, great deposition performance, can shorten plating time
- **高耐食性、耐塩害性に優れる**
Excellent in corrosion resistance, high tolerance against calcium chloride



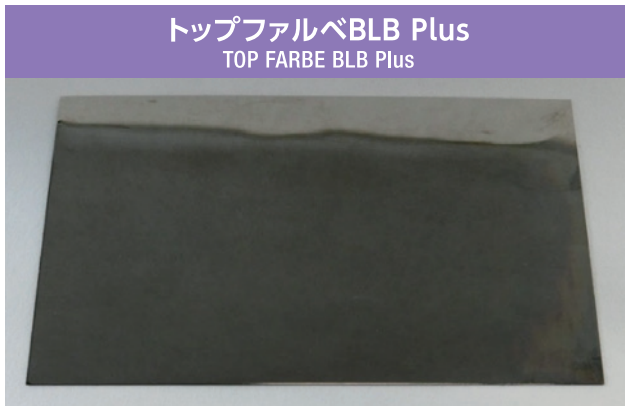
L* = 63.63 a* = 0.09 b* = 1.23



L* = 58.43 a* = 0.23 b* = 1.72

抜群のつきまわり性

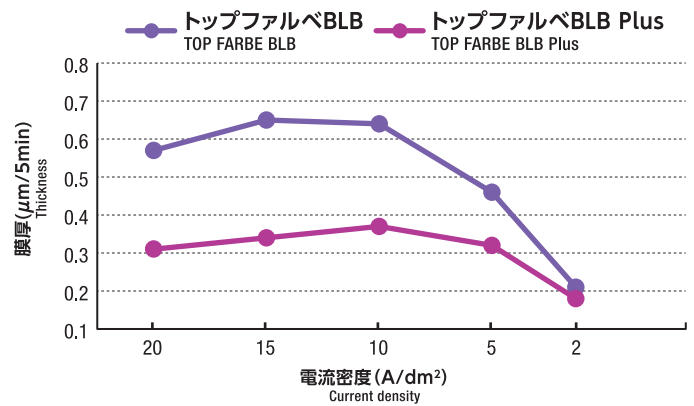
Great covering power



ハルセル外観 (5A, 3分)
Hull-cell test plate min

つきまわり性、成膜性に優れる

High covering-, deposition-performance



ハルセル試験による膜厚分布
Thickness variation by Hull-cell test

優れた耐食性

Great corrosion resistance

	R.N.	
	トップファルベBLB TOP FARBE BLB	トップファルベBLB Plus TOP FARBE BLB Plus
SST 100h	>9.5	>9.5
CASS 80h	>9.0	>9.0
CaCl ₂ 336h	>9.0	>9.0

使用条件

Working condition

	トップファルベBLB TOP FARBE BLB	トップファルベBLB Plus TOP FARBE BLB Plus
電流密度 Current density	5 A/dm ²	10 A/dm ²
めっき時間 Plating time	2分 min	3分 min
浴温 Bath temperature	50℃	
pH	3.4	

耐食性試験にはABS樹脂を使用 For corrosion resistance test, ABS resin is plated.

めっき条件: 硫酸銅めっき (TOP DuNC CU), 半光沢ニッケルめっき (TOP DuNC SB),

光沢ニッケルめっき (TOP DuNC BN), マイクロポーラスクロム用ニッケルめっき (TOP DuNC MP), 3価クロムめっき, 電解クロメート

Plating condition: Acid copper plating (TOP DuNC CU), semi-bright nickel plating (TOP DuNC SB), bright nickel plating (TOP DuNC BN), nickel plating for micro-porous chromium plating (TOP DuNC MP), trivalent chromium plating, electro-chromating