

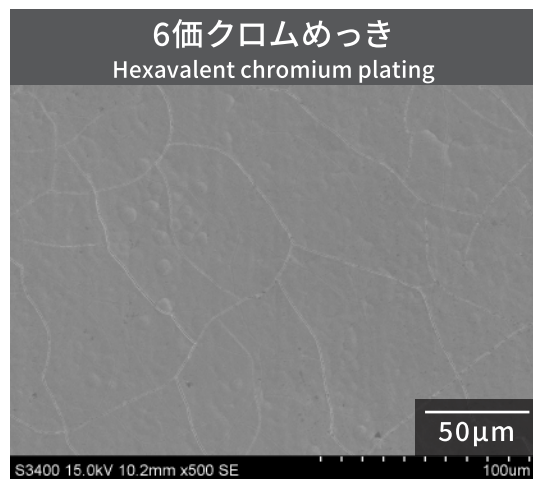
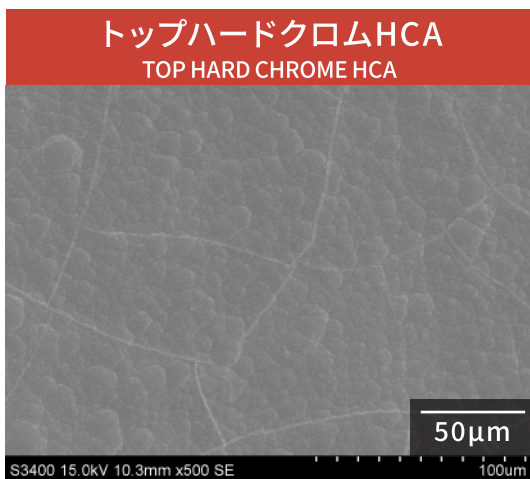
トップハードクロムHCA

TOP HARD CHROME HCA

硬質3価クロムめっき液 Hard Trivalent Chromium Plating Solution

- サージェント浴と同等の皮膜硬度と耐摩耗性を実現
Realize same hardness and abrasion resistance with Sargent bath
- 非常に高い電流効率
Extremely good current efficiency

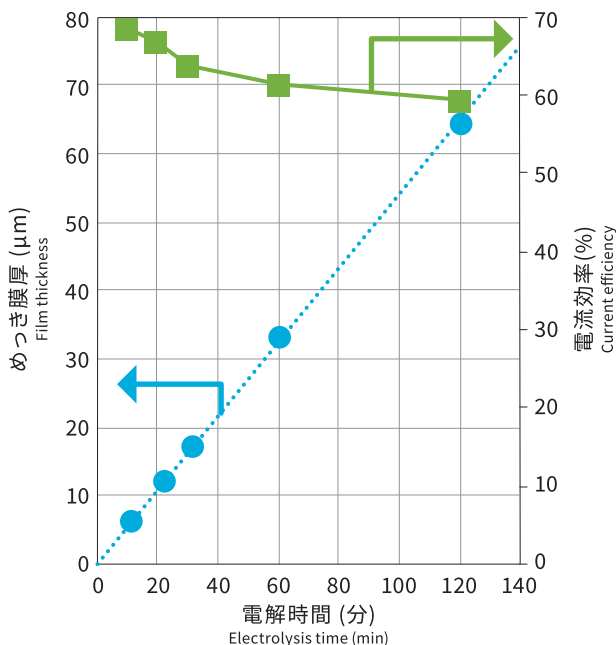
6価クロムめっきと同等な皮膜物性が得られる Same film property with hexavalent chromium plating



めっき皮膜の表面SEM像 SEM image of surface

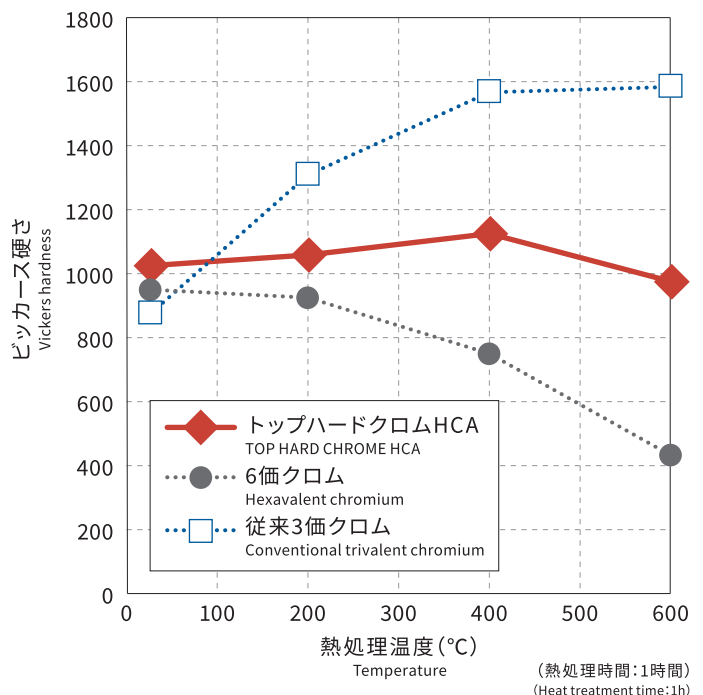
6価クロムめっきに類似したクラック Similar crack to hexavalent chromium plating

高い析出速度と電流効率 High deposition rate and current efficiency



析出速度: 32μm/h Deposition rate
電流効率: 60~70% Current efficiency

熱処理による硬度変化が小さい Reduce hardness change by heat treatment



(熱処理時間: 1時間)
(Heat treatment time: 1h)