

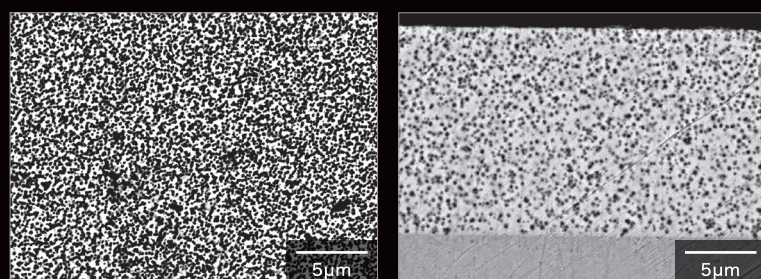
フッ素系界面活性剤フリー Fluorine-based surfactant free
無電解ニッケル/PTFE複合めっき液 Electroless Ni/PTFE composite solution

トップニコジット TFE-SL

TOP NICOSITE TFE-SL

- フッ素系界面活性剤を含まない
Fluorine-based surfactant free
- 従来のフッ素含有品と同等の撥水性、摺動性が得られる
High water repellency and sliding performance equal to conventional products containing fluorine-based surfactant
- 浴安定性が高く、めっき液中でPTFEが凝集しない
High bath stability, no agglomeration of PTFE in plating bath

均一な共析 Uniform co-deposition

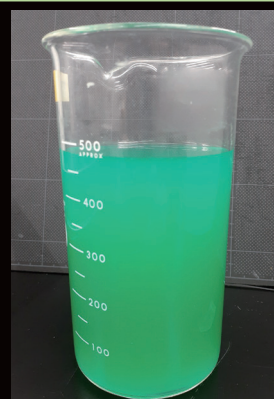


めっき皮膜の表面
Surface of the plating film
反射電子像
Backscattered image

めっき皮膜の断面
Cross section of plating film
反射電子像
Backscattered image

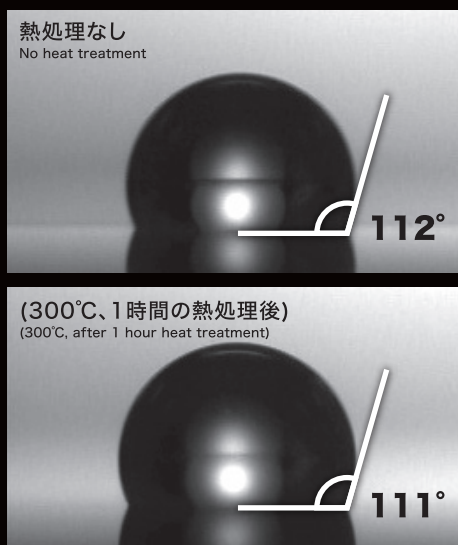
最大25vol%のPTFEを共析可能
Capable of co-depositing up to 25 vol% PTFE

優れた浴安定性 Excellent bath stability



14日間放置後のめっき液
Plating solution kept for 14 days
PTFEの凝集なし
No aggregation of PTFE

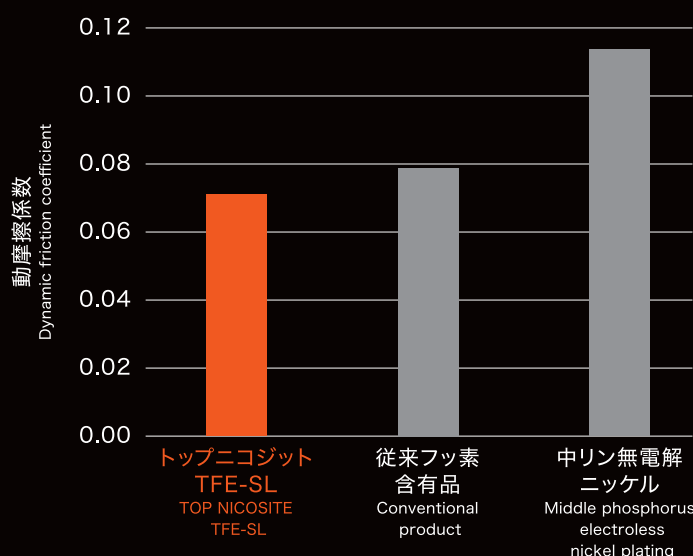
高い撥水性 High water repellency



めっき皮膜上の水滴
Water droplets on the plating film

熱処理後も高い撥水性を維持
Maintain high water repellency
even after heat treatment

優れた摺動性 Excellent sliding performance



めっき皮膜の動摩擦係数
Dynamic friction coefficient of the plating film

従来品と同等の摺動性を実現
Achieve the same sliding performance
as conventional products