

鉛フリー黒色無電解ニッケルめっき液

# ニコブラックMT-LFT

Lead-free, Black-color Electroless Nickel Plating Process

## NICOBLOCK MT-LFT

- 黒色化処理(ニコブラックBL)によって、黒味の強い外観が得られる
- 皮膜厚さが均一で、複雑な形状の部品やパイプの内面にも均一な処理ができる
- 微小凹凸とニッケル酸化物を形成した皮膜のため、染料のような紫外線による退色がない

- Coal-black tones come available by blackening treatment with NICOBLOCK BL
- Uniform film thickness, can deposit uniformly on complex-shape substrates and into the inside of pipes
- Deposits contain oxidized nickel, have finely-etched appearance, higher tolerance to ultraviolet ray than dyeing treatment

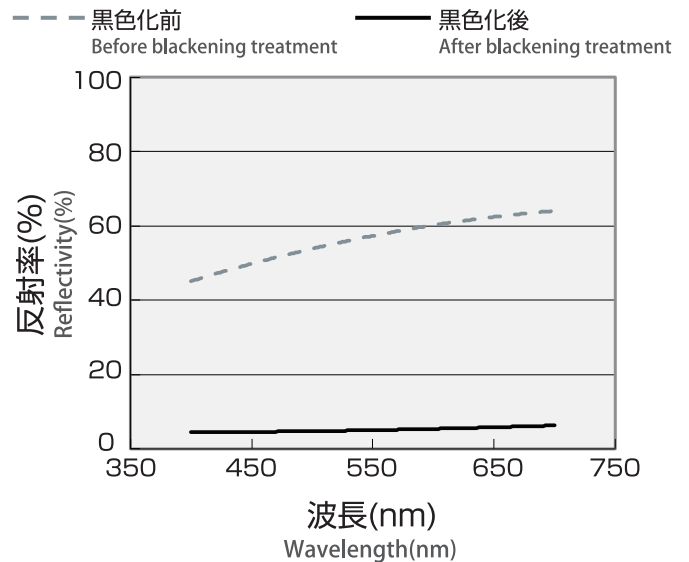
### 高い黒色度

Coal and rich black tones



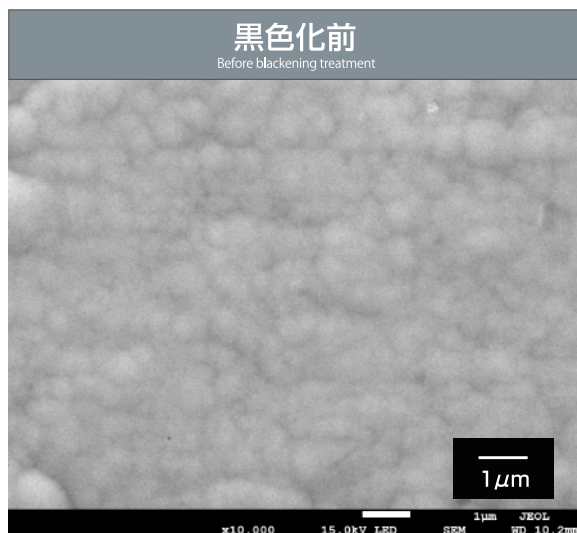
### 低い反射率

Low reflectivity

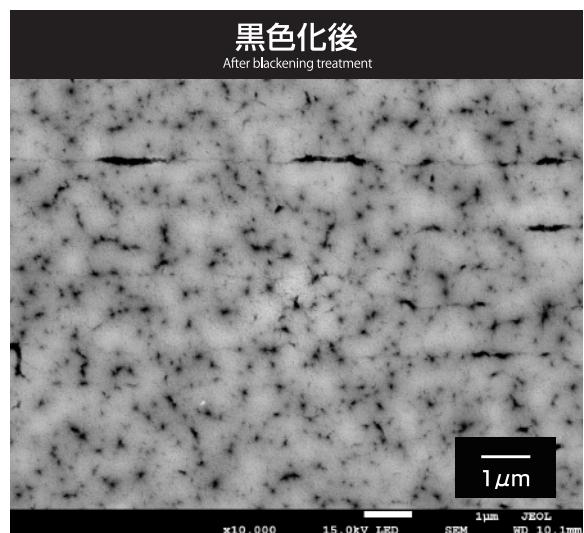


### 微小凹凸とニッケル酸化物を形成した皮膜

Deposits contain oxidized nickel, have finely-etched appearance



表面分析値 Ni 94.9 wt%  
Film surface composition P 5.1 wt%



表面分析値 Ni 67.7 wt%  
Film surface composition P 11.7 wt%  
O 20.6 wt%