# メッキ要求特性及び使用目的

| 特性 / メッキの種類（記号） | | 装飾 | 防錆 | 耐摩耗性 | 機械的特性 | | | | | | | 電気的特性 | | | | | 熱的特性 | | | | 物理的特性 | | | | | 化学的特性 | | | | 光的特性 | | | | その他 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 硬度 | 潤滑性 | 寸法精度 | 肉盛り性 | 型離れ性 | 低摩擦係数 | 二次加工性 | 電導性 | 高周波特性 | 磁性 | 低接触抵抗 | 抵抗特性 | 耐熱性 | 熱吸収性 | 熱伝導性 | 熱反射性 | ハンダ付性 | ボンディング性 | 多孔性 | 非粘着性 | 接着性 | 耐薬品性 | 汚染防止性 | 殺菌性 | 耐刷力 | 反射防止性 | 光選択吸収性 | 光反射性 | 耐候性 | 海水腐食防止 |
| インジューム | In | | | ○ | | ◎ | | | | ○ | ○ | | | | | ○ | | | | | | | | | ○ | | | | | | | | |
| 金 | Au | ◎ | ○ | △ | | | | | | | | ◎ | ○ | | ◎ | | | | ○ | | ○ | ◎ | | | | | | | | | ◎ | | ○ |
| 銀 | Ag | ○ | | | △ | | | | | | | ◎ | | | | | ◎ | | ◎ | | ◎ | ◎ | | | | | | ◎ | | | | | |
| 銅 | Cu | | | | | | | ◎ | | | ○ | ◎ | ◎ | △ | | | | | ◎ | | ◎ | ◎ | | | ○ | | | ◎ | | | | | |
| 錫 | Sn | ○ | ○ | | | | | | | | △ | ○ | ○ | | | | | | | ○ | ◎ | | | | ○ | | | | | | | | |
| ニッケル | Ni-3 | ○ | ○ | ○ | | | | ○ | | | | | | | | △ | | | | | ○ | | | | ○ | | | | | △ | ○ | ○ | |
| 錫ニッケル | SnNi | ○ | ○ | ○ | ○ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 銅錫 | CuSn | ◎ | ○ | ○ | ○ | | | | | | | ○ | | | | | | | | | ◎ | | | | | | | ○ | | | ○ | | |
| 無電解金 | KAu | ◎ | ○ | | | | | | | | | ○ | | | | ○ | | | | | ◎ | ◎ | | | | | | | | | | ○ | |
| 無電解銅 | KCu | | | | | | | ○ | | | | ◎ | | | | | | | | | ○ | ○ | | | ○ | | | ○ | | | | | |
| 無電解錫 | KSn | | | | | △ | ○ | | | | | | | | | | | | | | ◎ | ◎ | | | | | | | | | | | |
| 無電解ニッケル | KN | ○ | ◎ | ◎ | ○ | △ | ◎ | | ○ | ○ | | ○ | | △ | △ | ◎ | ◎ | | | | ○ | ◎ | | | | ◎ | ◎ | | | | | | ◎ |
| 無電解ルテニウム | KRu | ○ | ◎ | ◎ | ◎ | | | | | | | ○ | | | ◎ | | | | | | ○ | ○ | | | | ◎ | | | | | | ○ | |
| 無電解パラジウム | KPd | ○ | ○ | ○ | ○ | | | | | | | ○ | | | ○ | | | | | | ◎ | ○ | | | | ◎ | | | | | | ○ | |
| 無電解テフロン | KTF | ○ | ○ | ○ | ○ | ◎ | ◎ | | ○ | ○ | | | | | | | | | | | | | | | | | | | | | | | |
| クロム | Cr-3 | ◎ | ◎ | ◎ | | | | | | | | | | | | | | | | ◎ | | | | | | ○ | ○ | | | ◎ | ◎ | | |
| 黒クロム | Cr-B | ◎ | ◎ | | | | | | | | | | | | | | | ◎ | | | | | | | | | | | ◎ | ◎ | | | |
| バフ後クロム | Cr-1 | ◎ | ◎ | ◎ | | | | | | | | | | | | | | | | ◎ | | | | | | ○ | ○ | | | | ◎ | ◎ | |
| 硬質クロム | HCr | ◎ | ○ | ◎ | ◎ | ○ | △ | ◎ | ○ | ○ | △ | | | | | | ○ | | | | | | ◎ | ○ | | | | ◎ | | | | | △ |
| ユニクロ | Zn-W | ○ | ◎ | | | | △ | | | ○ | ○ | | | | | | | △ | | | △ | | | | ○ | | | | △ | | △ | △ | |
| クロメート | Zn-c | ○ | ◎ | | | | △ | | | | | | | | | | | △ | | | | | | | | | | | △ | | △ | △ | |
| 黒クロメート | Zn-B | ○ | ◎ | | | | △ | | | | | | | | | | | △ | | | | | | | | | | | △ | | △ | △ | |
| アルマイト | AI | ◎ | ○ | ◎ | ○ | | ○ | | | | | | | | | | | | ◎ | | | | | | ○ | | | | △ | | △ | ○ | |
| 硬質アルマイト | HAI | | ○ | ◎ | ◎ | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ロジウム | Rh | ◎ | ○ | ◎ | ◎ | | | | | | | | | | ◎ | | | | | | | | | | ◎ | | | | | | | | |
| 黒染 | | | ○ | | | | ○ | | | | | | | | | | | | | | | | | | | | | | | | | | |

◎最も効果のあるもの　　○効果のあるもの　　△使用条件によっては効果のあるもの

(株)モーションファイブ
Motion Five Co. Ltd