Properties:

- Hardness: 740-825 HV/60-64 RCH
- Heat Treated at 590°F, 3 hrs.
  Heat Treated Hardness: 960-1100 HV / 65-67 RCH
- Melting Ranges:
  °F: 1830-2450° / °C: 1000-1350°
- Magnetic Properties
  Coercivity: 15-80 Oe
- Corrosion Resistance:
  300 hrs / ASTM B117 / .001" thick
- Thickness Control
  (for a .001 deposit): +/- .0001"
- Max. Thickness: .001"
- Taber Wear Test
  Wgt. Loss mg./1000 cycles as plated: 8.5 - 9.5
  Wgt. Loss mg./1000 cycles heat-treated 5 – 7.5

E-Krome

Don’t let the name fool you — Techmetals’ E-Krome is an innovative, Electroless Nickel plating process. This coating offers a uniform finish with a resistance equal or greater than hexavalent chrome — allowing a robust solution without the environmental concerns. We think of it as electroless chrome.

E-Krome has a Rockwell hardness of 63, and it’s low coefficient of friction helps in parts being used in difficult wear applications. This helps reduce the need for post-plate grinding or polishing as well.

Technical Advantages

- Perfect Uniform Deposit
- Hardness of Chrome
- Good Wear Resistance
- Good Corrosion Resistance
- Appearance of Hard Chrome
- No Robbers or Shields Needed
- Economical Plating Solution

Industry Uses:

- Automotive
- Industrial
- Aerospace
- Oil & Gas
- Process Industries
- Glass Mfg.

Call: (937) 253-5311
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TM—EKROME—R002