



Solutions in Motion

Bemcalloy C-1 Coiler Pinch Rolls

COMPOSITION

- Hypoeutectic Gray Cast Iron
- Alloy Additions: Silicon, Nickel, Chromium, Molybdenum

PROPERTIES

Hardness Specification	Tensile Strength	Impact Strength	Thermal Expansion	Thermal Conductivity	Elastic Modulus
62-67 HSC	50,000 psi	15 Ft-lb (RT)	6.9×10^{-6} in/in/°F	355 Btu/ft ² /in/hr/°F	19.5×10^6 psi

ATTRIBUTES

- High Wear Resistance
- Resistance to Pick-up
- Thermal Stability
- High Thermal Conductivity
- Resistance to Thermal Fatigue / Thermal Shock
- High Strength
- Through-Hardening Capability