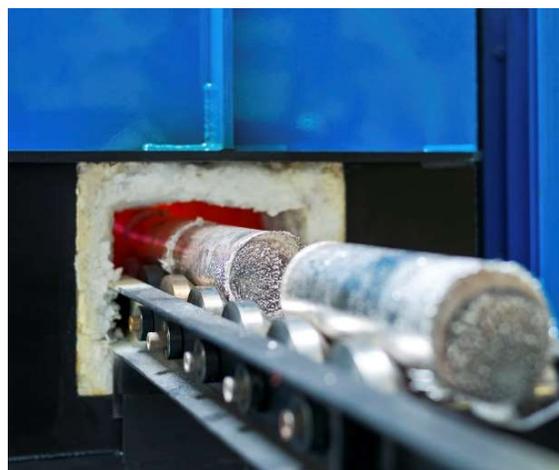


What are Permanent Color Change Temperature Pigments?

- High Temperature Activated Thermochromic Pigment / Ink
- A Process Control Visual Alert
 - Metal Fabrication
 - Annealing
 - Surface Temperature
 - Machinery
 - Quality Control



COLOR CHANGING EFFECTS

These aqueous concentrates and inks are thermochromic pigments which develop color when heated above a given activation temperature.

They are a combination of Leuco Dyes, Color Developers and Melt Materials all blended together and then micronized to reduce particle size. This is then combined into a carrier forming an aqueous concentrate which changes from off white to a color permanently when heated above its rating. As temperature increases, color density increases.

Based on K60°C-NH-WB

- **Water Based:** Screen & Flexo Ink/Pigment
- **Colors:** Standard - Magenta & Black, Custom Colors/Temps Available
- **Temp Range:** 60 to 200°C
- **Works Best:** On a White Background

Where to Buy? LCR Hallcrest is a leading supplier of Permanent Color Change Inks. Visit hallcrest.com or call us at 847.998.8580.

About LCR Hallcrest: The company is the leading international manufacturer of "SMART" color and chemical changing labels, thermometers, pigments and graphics that react to environmental and temperature fluctuations, providing visible evidence of change and measurement with in-house design, development and manufacturing capability. SM602 Rev00