

Permanent Change Thermochromic Ink SPECIFICATIONS

Permanent Change Thermochromic Ink is supplied in two kinds of formats:

CONCENTRATE

Concentrates are primarily intended for use in the formulation of inks using water based resins or binders.

INKS

Printing methods including Screen and Flexographic onto print receptive plastics and absorbent surfaces such as paper.

SPECIFICATION DETAILS

Pigment Concentrates

Solids: 48% \pm 2%
Pigment Concentration: 39% \pm 2%
Particle Size: 95% < 15 μ m
pH: 6-8 depending on range
Light Fastness: 1-3 (BWS) depending on color

Water Based Inks

Solids: 44% \pm 2%
Pigment Concentration
Flexo: 26% \pm 2%
Screen: 29% \pm 2%
Particle Size: 95% < 15 μ m
pH: 6-8 depending on range
Light Fastness: 1-3 (BWS) depending on color

TEMPERATURE RANGE

60 to 200°C

STORAGE

A shelf life of 1 year is guaranteed provided that the containers are not opened and are stored in an ambient temperature of 16 to 22°C with no exposure to UV (Sun) light. Concentrates may be subject to settlement on standing and should be stirred well before use.

A full product information and material safety data sheets (PI & MSDS) are available for concentrate and/or ink and is available upon request.

Please contact us to see how we might bring your idea to life!