

KODAK DIGITAL INKS

# DIGITAL INKS

HIGH PERFORMANCE  
AT AN AFFORDABLE  
COST



Kodak

## What if you could ...

... achieve wider color gamut, offer a broader range of substrates for inkjet printing, and have state-of-the-art ink development ... all at an affordable cost?

You can, with aqueous nano-particulate inks and dispersions from Kodak. A pioneer in inkjet technology, Kodak brings over 50 years of experience and market-proven expertise to the development and commercialization of nano-particulate inks and dispersions. Kodak can help you formulate, develop and manufacture high-performance inks and dispersions that are ideal across a wide range of processes and applications:

### CHEMICAL COMPONENTS

- Polymers
- Pigments
- Dyes
- Carbon black
- Dispersants

### FINISHED INKS / OEMs

- Desktop
- Wide format
- Production
- Piezo
- Thermal
- Continuous
- Dye sub

### FINISHED INKS / GRAPHICS

- Publishing
- Signage
- Textile
- Photo
- Decor

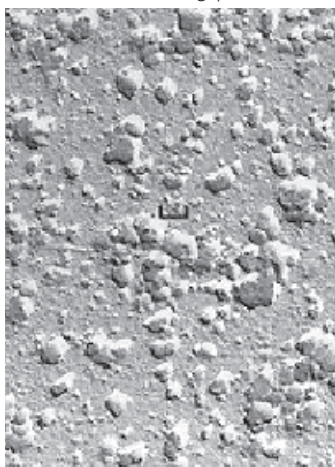


## Really, really small particles are the key

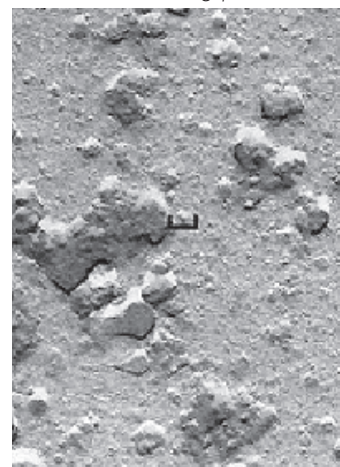
The advantage we offer lies in a proprietary micromilling process that de-aggregates and fractures primary particles, resulting in smaller particles, narrower distributions and minimal — if any — contamination due to media attrition. Conventional milling results in larger, aspherical pigments that have a lower gamut volume due to diminished transparency from light scattering of particles greater than 100 nm.

Kodak's minute pigment particles reduce light scattering, enabling higher optical densities and color purity, as well as a color gamut that is 35% larger than the gamut achievable by offset printing.

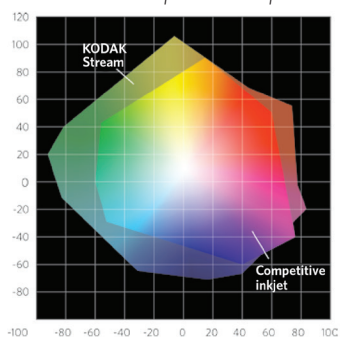
*Kodak's micromilling process*



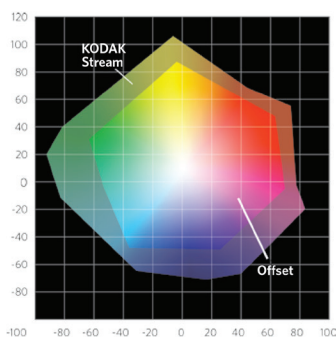
*Conventional milling process*



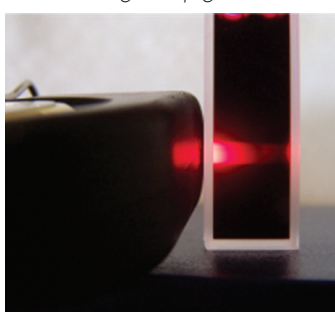
*Kodak vs. Competitive inkjet inks*



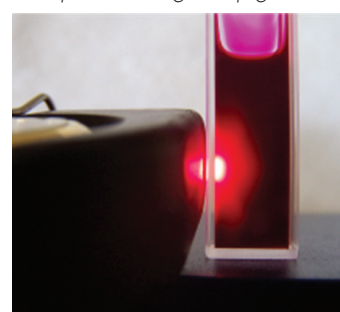
*Kodak vs. Offset inks*



*Kodak's magenta pigment ink*



*Competitor's magenta pigment ink*



## Proven quality, flexibility and scalability

- Print superior color gamut and tonal scale with less pigment
- Boost jetting reliability and efficiency
- Demonstrated experience in development and delivery of <50nm inks and dispersions, from bench, to pilot to full production
- Ability to customize formulations to enhance specific attributes

- Formulation, development and customization
- Materials characterization
- Industry-standard manufacturing with continuous batch-level quality control
- State-of-the-art, in-house analytical support

Printed using **Kodak** Technology.

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