PREMIUM DYE-BASED INKJET INKS

PRECISION INK

ARINEX

CONSISTENT PRINT QUALITY

Engineered for professional inkjet printing with vibrant colors, smooth jetting, and reliable performance.



VIBRANT COLORS

RELIABLE OUTPUT

CONSTANT QUALITY

ENGINEERED FORMULATION

TECHNICAL SUPPORT

WHY ARINEX ?

PREMIUM DYE-BASED INKJET INKS

Engineered for Stable Inkjet Performance

ARINEX® dye-based inks are precision-formulated to deliver exceptional print quality, smooth jetting and vibrant colors results across a wide range of media and applications.



KEY BENEFITS

High Optical Density
Deep and rich colors with wide color gamut

Fast Drying
Quick absorption and minimal waiting time

Smooth Flow
Consistent ink delivery and stable jetting

Reduced Nozzle Clogging
Advanced filtration for uninterrupted printing

Excellent Decap Performance
Quick recovery and reliable nozzle performance

High Color Stability
Resists fading and maintains vibrancy over time

Batch Consistency
Every production batch meets the same high standards

Long Shelf Life
Formulated for extended, reliable storage

No Sedimentation
Stable formulation ensures long-term consistency

Low Odor & Safe Handling
Formulated for a better working environment





COMPATIBLE PRINTHEADS

EPSON®



Optimized for EPSON® inkjet printheads

PRODUCT RANGE

COMPLETE COLOR PORTFOLIO

STANDARD COLORS

- BLACK (K)
- CYAN (C)
- MAGENTA (M)
- YELLOW (Y)
- LIGHT CYAN (LC)
- LIGHT MAGENTA (LM)

AVAILABLE PACKAGING



120 mL | 250 mL | 1 L | 4.5 L | 20 L

KEY SPECIFICATIONS

Ink Type	Dye-Based
Colors	K, C, M, Y, LC, LM
Compatibility	EPSON® Piezo
pH	7.5 - 8.5
Viscosity (25 °C)	2.0 - 3.5 mPa.s
Surface Tension	28 - 35 mN/m
Density	1.01 - 1.05 g/cm³
Filtration	≤ 300 nm
Storage Temperature	5 - 35 °C
Shelf Life	Up to 24 Months

APPLICATIONS

- Photo Lab
- Digital Printing
- Educational Institutions
- CAD / GIS Printing
- Document Printing
- Copy Centers
- Advertising
- Fine Art Printing

TECHNICAL HIGHLIGHTS

- Adjusted pH For Long-Time stability and Printhead Safety
- Low Viscosity Variations During Shelf Life
- Low Foam Formation in Printhead
- Excellent Decap and Recovery
- Ultra-fine Multi-stage Filtration
- Wide Media Compatibility
- Low Surface Tension



QUALITY YOU CAN TRUST

TRUST ARINEX

ABOUT BORNA CHEM.

ARINEX® is the registered brand for premium dye-based inkjet ink produced by Borna Shimi Arya (Borna Chem). With advanced formulation expertise, modern production facilities, and strict quality control, we deliver inks that meet the demands of different professional printing environments.



OUR QUALITY ASSURANCE PROCESS



Raw Materials

Carefully selected high-quality dyes and chemicals.



Formulation

Formulated for stability, color performance and compatibility.



Ultra-fine Filtration

Multi-stage ultra-fine filtration (≤300 nm) to ensure smooth ink flow and nozzle protection.



Batch Testing

Each batch tested based on quality control procedures.



Performance Validation

Validated by printing tests to guarantee consistent performance.

QUALITY MANAGEMENT ISO 9001 SYSTEM

QUALITY CONTROLLED

BATCH TESTED

LAB VERIFIED

MADE IN IRAN

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