



Arpro Inks

Specialty Inks & Coatings

Pearlescent inks add a unique effect to your packaging, *Arpro M-Tec, LLC.* has developed a versatile pearlescent base for flexographic applications. “*Arsepearl 123 - Pearlescent Base*” allows printers the capabilities to use it as an over print coating, reverse print, trap over or tint it with colorants to create desired effects. If preferred, customized color matching is also available upon request.

Key features

- Excellent print characteristics and particle distribution.
- Can be customized to achieve various colors.
- Excellent self-life, with minimal settling.
- Can be printed on most film substrate with good treatment levels (35-40 dynes).

Properties

Viscosity	40-45”/ 3 Zahn (70° F)
pH	9.0 ± .5
Average Particle size	5.0 µm
Heat Resistance	250 °F, 40 psi, ½ sec dwell
Rub / Mar resistance	Fair (<i>optimized by using a suitable water-based or UV OPV</i>)
Water Resistance	Good (<i>optimized by using a suitable water-based or UV OPV</i>)

Printing Suggestions

- **Recommended substrate types:** Label stocks (i.e. Krome-Kote, Semi-Gloss, and C1S), Shrink Films (PETG), coated paperboards and calendared or machined UCL. Best effect is achieved on non-porous substrates.
- **BCM recommendation:** 4.0 to 5.0 BCM range is recommended for printing “*Arsepearl 123 - Pearlescent Base*”, this cell volume range is ideal to carry up enough pearlescent pigment for optimum visual effect.
- **Improving resistance properties:** Use water-based or UV overprint varnishes that provide high degree of water, rub/mar, and scratch resistance. (A surface print formulation is also available “*Arsepearl 123S - Pearlescent Base-S*”).
- **Wash-up recommendation:** Cleaner solutions like our *Arpro Eco-Tech Cleaner* or any other cleaner typically recommended by anilox manufacturers is suitable.



Do Not

- Do not incorporate any inks or colorants without testing for compatibility.
- Do not store in temperatures over 95° F for extended periods.
- Do not allow product to cure on printing equipment or printing plates for extended periods, it is best to clean-up as soon as print job is finished.

** We recommend allowing the ink to fully cure for 24 hrs. before testing for resistance properties.

DISCLAIMER – The information compiled and provided on this data sheet are reported as tested under controlled conditions, however it is the buyers responsibility to determine the fitness and suitability of its end use. Arpro M-Tec, LLc reserves the rights to alter any data as a result of ongoing new technical and manufacturing process development for this product

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