Arpro M-Tec, LLC introduces our "***Opti Fluorescent***". These products are water based liquid pigment dispersions with pronounced fluorescent effect. In normal daylight conditions "***Opti Fluorescents***" are virtually invisible on paper. However, upon exposure to UV-A light (optimal effect achieved at approx. 366 nm) the very distinct fluorescent color becomes visible (emission at approx. 533 nm).

Key features

- Broad compatibility range in water based formulations.
- Available in Blue and Yellow shades.
- Excellent self-life, up to one year in closed properly stored containers.
- Useful for security applications, as well as for doping OPV when checking for proper coverage.

Properties

Viscosity	30-35"/ 2 Zahn (70º F)
pH	5.5 – 8.0

Printing Suggestions

- ***Recommended doping amount***: Depending on the desired emission we recommend using 3-5% by weight for OPV, usually a 10-15% loading is necessary for security applications.
- ***BCM recommendation***: Any BCM volume typically used for OPV's is suitable.
- ***Improving resistance properties***: Since this products are used for doping, resistance properties will mainly be a functionality of resins, polymers and additives incorporated within the OPV formula. (Opti Fluorescents should not alter properties, however internal testing is recommended).
- ***Wash-up recommendation***: Cleaner solutions like our ***Arpro Eco-Tech Cleaner*** or any other cleaner typically recommended by anilox manufacturers is suitable.

Arpro Inks
Specialty Inks & Coatings

Do Not

- Do not incorporate without testing for compatibility in your formulations.
- 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.

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