


Technical Information

Poly Premium Inks

- **Description**
Polyamide based ink suitable for printing on various films.
- **Application**
Shopping bags, twist wrappers, Rusk/bread packaging
- **Print Process**
Gravure and Flexography
- **Print Substrate**
Treated PP and PE (minimum treatment level 38 dynes/cm), metalized PVC/BOPP/PET/ CPP, Pearlized BOPP
- **Key Product Features**
 - ✓ Good flow of ink
 - ✓ High color strength
 - ✓ Excellent gloss
 - ✓ Excellent blocking resistance
 - ✓ Excellent dry rub resistance
 - ✓ Suitable for speed from 40 M/M to 120 M/M
 - ✓ Desired shades can be obtained by intermixing standard colors at press room level.

Solvent system	
Normal	IPA:N-Butanol(NBA)- 80:20
Retarder	N-Butanol (as required)

- **Dilution**
Solvent and solvent blends used for dilution may need to be adjusted in accordance to printing conditions: Namely, printing process, printing speed, oven capability, and graphics such as solids, lines, half tone and process printing.
To achieve good DOT RE-PRODUCTIONS, Use Extra Retarder
Depending on printing conditions, the following solvents may be used as retarder or accelerator.
 - ✓ Accelerator:- IPA / Ethyl Alcohol
 - ✓ Medium:- Toluene(For Gravure only) ,N Propyl Alcohol
 - ✓ Retarder:- N-Butanol / Methoxy Propanol
- **Shelf Life**
The inks and varnishes of this series have under normal conditions a shelf life of at least 6 months
Normal Conditions means:
 - ✓ Storage in tightly closed containers.
 - ✓ No admixtures

- ✓ Temperature not exceeding 25⁰C for weeks or 30⁰C for days

Short time excessive-temperatures e.g. at transport are not harmful. The products are not sensitive to frost.

“Over-stored” inks (typical symptoms: fall in gloss, shift in shade, formation of odour and / or viscosity increase) may normally – off color being exceptions - be used the same way as residual inks by controlled admixture to fresh inks.

Increased viscosity due to long-time storage of inks may generally be adjusted by addition of a slightly higher amount of thinner than the usual.

- **Please take note of the following:**

1. The performance results indicated in this literature are only indicative under controlled conditions of laboratory with virgin & standard packaging grade films. Please do not use lower grades or substandard films. HFL, will not take any responsibility for abnormal results
2. Liability: While the information outlined is given in good faith, it does not constitute a guarantee and neither is one implied as to the specific end use suitability of any product. The customers should always evaluate the suitability of products to their own satisfaction
3. HFL is responsible only to the tune of replacing the ink consumed in case of any printing related problems clearly assigned to in-compatibility

- **Remark**

Before printing on Metalized BOPP/ CPP/PET check treatment of substrate. Treatment level of 38 dynes/cm and above show best results.

- **Health and Safety**

Read the health and safety guidelines before using these products. The user is responsible for all local legislation requirement and packaging conditions.

- **Ink Handling**

Please refer to general guideline for handling inks for flexible packaging

For further information, please contact-

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