

Technical Data Sheet

POLICHEM

Polyamide Based Ink Series for Surface Printing

Main Characteristics

- Surface Printing
- Excellent Adhesion
- Good Gloss and Color Strength
- Very Good Printability
- Very good flexibility
- Not suitable for heat sealing or lamination

Printing Techniques

- Flexography
- Rotogravure

Printing Substrates

- Poly Ethylene (LD,HD, MD)
- Polypropylene
- (COEX, BOPP)
- Paper and carton

Additional information:

Substrate to be printed needs to have a corona treatment:
min. 38 dyn/cm

Viscosity (Din 4 at 25°c)

- Production viscosity: 35-45 sec.
- Printing viscosity: 18-22 sec.

Dilution

- **Extender and thinner**
In order to reduce color strength add a diluting varnish. Adding only thinner or an excessive use of solvent may alter the characteristics of the ink.

- **Thinner:**
Mixture of

	%
IPA	70 - 85
Butanol or IBA	30 - 15


- **Diluting:**
DILUTING VARNISH
POLYCHEM
- **Retarder:**
Up to 5% Methoxy-propanol (PM)
- **Accelerator:**
Ethyl Acetate


Storage and safety

- Store in closed packages.
- Store in well ventilated area
- Max. 12 months in original packages.
- Mix well before use.
- Product is highly flammable.

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