



## RPK705 Ink Series Printing ink grade for Rotogravure

### 1- Field Of Application

For surface and lamination printing, varnished aluminum.

### 2- Printing Techniques:

Roto/Flexo

### 3- Printing Substrate:

Varnished Aluminum.

Coated Aluminum.

BOPP.

Polyester.

Polyamide. Only with on-line corona treatment.

Coextruded polypropylene necessitate the use of 4 – 6%, adhesion promoter in order  
To have sufficient adhesion.

### 4-Main Properties:

- a. Excellent gloss.
- b. Excellent print qualities.
- c. Excellent heat resistance  $\geq 170$  °C
- d. Very Good Adhesion Properties
- e. Very Fast Drying Properties- suitable for speeds higher than 300 m/min
- f. Suitable for both surface and laminating printing
- g. Good flexible properties
- h. Excellent color strength with high pigmentation
- i. Excellent Fineness < 5 microns
- j. Low odor and solvent retention

### 5-Lightfastness

	White	Yellow	Cyan	Magenta	Black
Full tone	7	5	7	5	7
Half tone	6	4	6	4	6

### 6-Solid content:

White	48 ± 2%
Colours	30 ± 2%



**7-Printing Condition:**

Use Ethanol / Ethyl acetate mixture to thin down to printing viscosity . As a retarder  
Use Methoxy Propanol in small quantities

Thinning Agent: Ethyl Acetate / Ethanol, the proportion of which should be  
Decided by the printer according to the speed of drying  
Required. Recommend 80:20

Extender: Only use extenders recommended by the manufacturer.

Retarder: Methoxy Propanol.

**8 - Storage:**

If ink is stored in good conditions, a twelve month period can be guaranteed.

**Disclaimer:**

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