



# Inkoil 1305

## Chemical Description

Synthetic polymers in water-glycol solution

## Main use

Medium for high thickness on silicon engraved cylinder machines

## Typical values

**Appearance at 20°C:** colorless liquid from transparent to opalescent

**Solubility in water:** complete

**Density (g/l) @ 20°C:** about 1105

**pH:** approx. 9

## Product properties

The rheology of INKOIL 1305 is studied to print high thick application by means of silicon engraved rollers, for full area decors.

INKOIL 1305 is suitable where a very even and homogeneous decor is needed, for that reason the ink has a very low yield point and long drying time.

It can be used for single firing and double firing kiln cycles thanks to the easy burning resins and glycols content.

## Applications

Dry/INKOIL	100/ 45 ÷ 70
Viscosity Ford Cup 4mm (s)	20 ÷ 60

The above ratios are merely approximated, because they depend on the type of printing base used and the chosen application method.

A high medium content in the ink can bring to a slight settling during long lasting storage of the ink itself.

## Storage and handling

INKOIL 1305 is stable to prolonged storage under condition where extreme temperatures do not occur.

The product should be stored between -5°C and +40°C and the shelf life is at least 12 months if this condition is observed.

## Packaging

1000 kg tanks

## Material safety

"Detailed health and safety information can be found in our safety data sheet, available according to ECC Directive"

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