

Micro Top

Solvent Based Printing Inks for Flexible Packaging

Description

For reverse printed lamination application on flexible films. Polyurethane based reverse lamination application ink suitable for various flexible films.

Application

Flexible packaging for confectionary and general purpose product pouches printed on different types of Polyester substrate. Lamination bonds are dependent on substrate type and quality, adhesive type and film weight applied.

Print Process

Gravure

Print Substrate

Normal PET, CT PET, CC PET

Key Product Feature

Excellent printability and re-solubility
 High color strength
 Higher bond strength
 Versatile ink suitable for all types of polyester
 Low solvent retention
 Suitable for speed from 100 M/M to 250 M/M

Properties

Ink adhesion	4
Heat Resistance	NA
Gloss	NA
Light fastness	2 — 7
Water Resistance	NA
Deep Freeze Resistance	NA
Vegetable Oil Resistance	NA
Lamination bonds	> 100 gmf/15 mm

Rating Scale

1=lowest, 5=best value

Note

All resistance properties are guideline only, and dependent on pigment selection, tone to tone (half tone & full tone), print quality and substrate to substrate. All resistance properties / LF are guideline only, and dependent on pigment selection, tone to tone (half tone & full tone), print quality and substrate to substrate.

Print V iscosity	GRAVURE
Viscosity (In sec by B-4 cup @ 30* C)	15 — 20
Diluent	
Slow	MIBK/TOL/EA— 1/3/2
Normal	TOL/EA — 1/1
Fast	MEK/TOL/EA — 2/2/1
Retarder	MIBK

Remark

Not recommended for surface printing application
 Use 3% ABA in case of CC PET to avoid blocking
 For printing on OPP, please consult our tech deptt

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 guidelines for handling inks for flexible packaging