

Micro Fresh

Solvent Based Printing Inks for Flexible Packaging

Description

NC based Surface printing ink suitable for high speed CI Flexo and Gravure process

Application

Lable printing
Shopping bags
Chocolates and food wrappers

Print Process

Gravure & Flexo

Print Substrate

Treated PP & PE, Treated OPP, Pearl BOPP, Paper & Board, Met BOPP/PET/PVC etc

Key Product Feature

Excellent printability and re-solubility
High color strength
High quality tonal and fine line printing
Excellent scuff resistance
Moderately oil resistance
Moderately deep freeze resistance
Suitable for high speed machines (narrow web & CI Presses)
Suitable for speed from 60 M/M to 300 M/M

Properties

Ink adhesion	4
Heat Resistance	100 — 120 * C
Gloss	4
Light fastness	2 — 7
Water Resistance	4
Deep Freeze Resistance	3
Vegitable Oil Resistance	3
Lamination bonds	NA

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	FLEXOGRAPHIC	GRAVURE
Viscosity (In sec by B-4 cup @ 30* C)	20 — 25	15 — 20
Diluent		
Slow	Ethyl Alcohol / n-Propyl Acetate — 3/1	
Normal	Ethyl Alcohol/Methoxy propanol — 4/1	Ethyl Alcohol/Ethyl Acetate — 1/1
Fast	**	Ethyl Alcohol/Ethyl Acetate — 1/3
Retarder	Ethoxy Propanol or Methoxy Propanol	Ethoxy Propanol or Methoxy
Propanol		

Remark

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