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Technical data sheet

OLYTECH INKS

Description

Solvent based Toluene & Ketone free ink system suitable for lamination application on various flexible films.

Application

Chocolate and food wrappers. Liquid packaging like shampoo sachets, oil pouches. Suitable for solvent based / solvent less adhesive lamination.

Print Process

Gravure

Print Substrate

Chemically coated polyester, Treated Bopp, Pearlsed Bopp, Nylon

Key Product Feature

Excellent printability and high colour strength. Higher bond strength. Versatile ink suitable for above substrate . Low solvent retention.

Ink Application Details

Reducer/Thinner	~	Ethyl Acetate
Retarder	~	Methoxy Propanol
Running viscosity	~	16-18sec (by B4 cup@30°C)



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EXCEPTIONS :

For Liquor pouches , Seasoning Pouches and Retort pouches like tomato ketchup , Garlic and Ginger paste , condense Milk etc. We have to be informed to manufacture special Inks.

Remarks :

- For BOPP surface printing we will provide Additive.
- Catalyst should be diluted with Ethyl Acetate ratio (2:10) in 100 kg. of Inks.
- While adding Catalyst solution required Hi-Speed Mixer Machine.



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OLYTECH INKS SPECIFICATION

Sr.Nos	PRODUCT DESCRIPTION	SOLID CONTENT	INK VISCOSITY (By B4 Ford CUP @ 30°)	SOLVENT SYSTEM	RETARDER
1	OLYTECH ARSR White Tonner	75 % ± 2	viscous	ETHYL ACETATE	METHOXY PROPANOL
2	OLYTECH ARSR Yellow Tonner	32 % ± 2	viscous	ETHYL ACETATE	METHOXY PROPANOL
3	OLYTECH ARSR Magenta Tonner	30 % ± 2	viscous	ETHYL ACETATE	METHOXY PROPANOL
3	OLYTECH Magenta Tonner NON ARSR	32 % ± 2	viscous	ETHYL ACETATE	METHOXY PROPANOL
4	OLYTECH ARSR Cyan Tonner	32 % ± 2	viscous	ETHYL ACETATE	METHOXY PROPANOL
5	OLYTECH ARSR Black Tonner	32 % ± 2	viscous	ETHYL ACETATE	METHOXY PROPANOL
6	OLYTECH ARSR Orange Tonner	32 % ± 2	viscous	ETHYL ACETATE	METHOXY PROPANOL
7	OLYTECH ARSR Red Tonner	32 % ± 2	viscous	ETHYL ACETATE	METHOXY PROPANOL
8	OLYTECH Red Tonner NON ARSR	35 % ± 2	viscous	ETHYL ACETATE	METHOXY PROPANOL
9	OLYTECH ARSR Violet Tonner	30 % ± 2	viscous	ETHYL ACETATE	METHOXY PROPANOL
10	OLYTECH Violet Tonner NON ARSR	32 % ± 2	viscous	ETHYL ACETATE	METHOXY PROPANOL
11	OLYTECH BOPP TECH. Varnish	24 % ± 2	25sec ± 5	ETHYL ACETATE	METHOXY PROPANOL
12	OLYTECH BOPP Reducing medium	15 % ± 2	20sec ± 5	ETHYL ACETATE	METHOXY PROPANOL
13	CATALYST	45 % ± 2	20sec ± 5	-	-



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GUIDELINE FORMULATIONS

FOR BOPP PRINTING

1) OLYTECH BOPP WHITE INK

OLYTECH ARSR WHITE TONNER	=	50.000
BOPP TECHNOLOGY VARNISH	=	47.000
CATALYST	=	3.000
Total		= 100.000

2) OLYTECH BOPP PROCESS COLOUR

OLYTECH ARSR PROCESS COLOR TONNER	=	48.000
BOPP TECHNOLOGY VARNISH	=	50.000
CATALYST	=	2.000
Total		= 100.000

Remark: Use Olytech Bopp Reducing Medium for Ink reduction