

Series 342 easyPROP

Special Ink for Polypropylene

Polypropylene is an inexpensive and environmental friendly alternative for many graphic-decorative and technical applications in comparison to conventional plastics as for example PVC.

The solvent based, semi-glossy optic of Series 342 easyPROP has been developed especially for the printing of sheets, foils and molded parts made of this polyolefine material.

The range of printable substrates includes well-known brands as Priplak®, Akylux® as well as many more products made of PP-plastics, as they occur in the application fields office items, sports equipment, book covers or advertising displays and –banners.

Series 342 easyPROP is free of chlorinated raw materials (unique for such an ink system!) and shows good (hand) sweat resistance. The same advanced resistances are given for hand creams as well as sun milk products, a demand of the application fields menu cards, book covers, folders etc.. An ideal adhesion and resistance is reached on materials which show a surface tension of at least 38 dyn/cm during the printing process.

In Series 342 easyPROP 14 brilliant, mono-pigmented MS-Base Colors are available, which allow an easy mixing of any desired color shade.

The high pigmented mixing system is completed by a variety of opaque color shades as well as metallic effect colors.

For process printing a formulation according to ISO 2846-4 in the gamut class 2 is offered.

The MS-Base Colors base on brilliant pigments with high light fastness. All colors in the system easyPROP are free of toxic heavy metals according to EN 71, part 3 and fulfil all relevant EU-guidelines (EEC, ROHS, WEEE etc.).

The MS-Color Mixing System includes 14 MS-Base Colors and a transparent binder:

Series 342-07	MS-Binder	Series 342-3300	MS-Magenta
Series 342-1000	MS-Light Yellow	Series 342-4000	MS-Violet
Series 342-1100	MS-Medium Yellow	Series 342-5000	MS-Blue
Series 342-1200	MS-Dark Yellow	Series 342-6000	MS-Green
Series 342-2000	MS-Orange	Series 342-7000	MS-Brown
Series 342-3000	MS-Red	Series 342-8000	MS-Black
Series 342-3100	MS-Magenta	Series 342-9000	MS-White
Series 342-3200	MS-Dark Red		

ST-Standard Colors / Opaque Colors

Series 342-00	ST-White	Series 342-100	ST-Silver
Series 342-33	ST-Black	Series 342-02299	ST-Silver coarse

Process Inks

Series 342-0950/ISO	Process-Cyan acc. to ISO 2846-4	Series 342-0970/ISO	Process-Magenta acc. to ISO 2846-4
Series 342-0960/ISO	Process-Yellow acc. to ISO 2846-4	Series 342-0980/ISO	Process-Black acc. to ISO 2846-4
		Series 342-04/ISO	Transparent Paste for ISO-Version

Technical Data

Thinner	: Series 300-017
Retarder	: Series 300-018/ISO
Cleaner	: Series 300-URS, Series 10-055, Series 10-063
Others	: -
Mesh	: 120-34 Y PW
Coating	: With all customary polymeric emulsions and capillary films
Squeegee	: RKS, 75 Shore or PUR, 75 Shore
Drying/Curing	: Air / Jet
Substrate I	: Polypropylene in (un-)treated or coated condition
Substrate II	: PVC Self-adhesive foils
Substrate III	: Rigid PVC, Styrene
Substrate IV	: Paper and cardboard
Indoor / Outdoor use	: Indoor; short exterior use (depending on conditions)
Post-processes	: Regularly post-processes (folding, grooving, embossing, forming)
Overprintability	: Complete color range of Series 342
Available in Series	: See above
Available Colors	: 14 MS-Base Colors, ST-Colors (see above), Process Inks according to ISO 2846-4
Delivery Conditions	: On stock
Quantities	: 1kg / 5kg / 25kg
Price Level	: * until **
Special Remarks	: Free of chlorinated raw materials

Precautionary measures

Read material safety data sheet prior to processing.

The material safety data sheets according to OSHA form contain indication of hazardous ingredients, TLV-level and instructions for precautions when processing, handling and storing as well as first aid. The information given in the MSDS refers to processing as described in this technical leaflet. The statements in our leaflets have been made to the best of our knowledge and are given without any obligation. They serve to advise our business associates, **but it is absolutely necessary** to make your own printing tests under local conditions, with regard to the intended purpose prior to starting the printing job. In case of any doubts please contact our technical advisors. The application, use and processing of the products delivered by us are beyond our control. This is subject to your responsibility and there is no liability or guarantee on our part.

In case of justified complaints the manufacturer can only be made liable for the countervalue of the used ink system.

Addition of not mentioned products or competitors products are on your own risk and releases Printcolor Screen Ltd. of any later demands, especially in cases of damage and loss caused by alien products.

All former leaflets are no longer valid.