

PRODUCT GROUP 700

Series 712

1-Component Pad Printing Ink for PP



Highly opaque, silky mat pad printing ink, based on adhesive raw materials, for printing onto pre-, and non-treated polypropylene materials. This advanced pad printing system can be used together with open, as well as with closed machine concepts. None ferrous raw materials have been used to avoid magnetization and thus following printing problems in conjunction with closed systems. The used solvents stand for an optimal ink transfer from cliché via pad to the substrate as well as for fast drying on the substrate.

The pad printing ink Series 712 is only limited hand-sweat resistant. By mixing with Series 700-HDI (addition ratio 10:1), adhesion and resistances can be improved; however, attention has then be paid to the pot time of the mixture. To achieve best product properties, a surface tension (energy) of the PP substrate of >38 mN/m is beneficial. This can be reached by flame treatment or Corona pre-treatment and also by applying a thin layer of the adhesive primer Series 10-PP.



SUBSTRATES

Polypropylene	PP-Co-polymersiates
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USE

Application	Polypropylene in the field of advertising (hand-out items) as well as in the field of technical applications (tool handles, body parts, housings, a. s. o.).
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PROPERTIES, PROCESSING, DRYING AND CLICHÉ

Cliché	screened
Drying / Curing	Jet- / air drying, optionally oven drying
Further Processing	Depending on application



ADDITIVES

Thinner	Series 700-017	Addition Ratio	10-15 % by weight
Retarder	Serie 700-018	Addition Ratio	10-15 % by weight



VARIOUS

Delivery Conditions	1 kg / 5 kg / 25 kg
Other	Stir well before use



Disclaimer

Please thoroughly read the Material Safety Data Sheet (MSDS) prior to processing. The Material safety Data Sheets according to 91/155/EWG form, contain indications of hazardous ingredients. Exposure levels and instructions for precautions when processing, handling and storing as well as first aid. The information given in the MSDS refers to the processing as described within this technical leaflet. Above data are based on laboratory tests and field experience. All therein contained statements are to the best of our knowledge without any obligation from our side and do not discharge from testing the product by yourself. In doubtful cases, you are kindly requested to either perform your own tests or refer to our technical staff. Application, use and processing of the delivered products are beyond our control and are therefore at your own risk and responsibility. Printcolor is thus free from any guarantees or liabilities. In cases of justified complaints, Printcolor can only be made liable for the counterpart of the utilized ink system. Adding not stated products or foreign / competitors products, is solely at your own risk and liberates Printcolor of any later calls; especially in cases when damages occurred and which have been caused through use of products of foreign type. This leaflet replaces all former issues. (12/2010)