

IPIPURE OPV FX/70 BPNI-RC HM-LB

UV coating applicable by dampening system on paper and carton board
60P-1000-1070

IPIPURE OPV FX/70 BPNI-RC-HM-LB is a specific coating for the finishing in full and with spots, suitable for application in-line with flexo coater and off-line on printed paper and boards for the production of boxes, labels, covers, etc.

Application via flexo coater and via dampening system circuit on retrofitted printing presses.

Characteristics

- Fast Curing speed
- High gloss and levelling
- Low Odour
- Good mechanical resistences.
- Over-printable, hot foil blockable, gluable (we suggest to carry out specific test before printing run).
- 100% solid - No VOC emissions

Viscosity: medium (250-300 cps)

Application: 4 – 7 gr/m²

Curing: with UV lamps of 80W/cm the printing speed is of 40 m/min for each lamp

Precautions and Safety

Please note that suitable inks with UV coating, Solvent and Alkaly fastness have to be used following Standard DIN 16524/25 (our UV inks with UV/ Acrylik coating fastness).

Avoid contact with skin, wear suitable protective gloves during tapping and cleaning process. Material Safety Data sheet available on request.

Substrates

IPIPURE OPV FX/70 BPNI-RC-HM-LB is specifically suitable for the coating of:

- Coated and Not Coated papers, Boards.
- Carton Box, general magazine covers, etc.
- Labels on self-adhesive papers and plastics
- General line applications

In case peculiar substrates or specific adhesion performance are required, we recommend that proper and specific tests were carried out before printing run.

Food packaging

IPIPURE OPV FX/70 BPNI-RC-HM-LB is not a low migration coating, as a consequence is not suitable for primary food packaging applications. It can be used as a secondary food packaging only if the primary food packaging acts as a functional barrier. In addition, there should not be a direct contact between the printed and coated image and the contents of the food package.

The statements listed on this technical information sheet are according to our best knowledge. The statements do not exonerate the user from their own responsibility to determine that our products are suitable for their processes. They are intended to inform and advise and are subject to influence from the technical process. This edition of January, 2020 replaces all previous editions. With the present edition all older editions are null and void.

More information concerning the subject of packaging (food, cosmetics, etc.) can be found on the webpage of the European Printing Ink Association: www.eupia.org.

Printing Auxiliaries

IPIPURE OPV FX/70 BPNI-RC-HM-LB varnish is a ready to use product. In case small adjustments are needed for special requirements, please find the recommended additives and technical information on the table below:

IPIPURE OPV Press room chemicals		Utilizzo	Dosaggio
Anti- Blocking Aid	6AD-8004-0003	Suggested to reduce the blocking effect of coated sheets in cases of perfecting or double side coating, use in case more slipperiness of the coating is required	Up to 2 %
Catalyst	6AD-8004-0037	Suggested to increase the curing of the coating if required	Up to 2%

Shelf life

12 months from the production date if the container is not opened. Store between 5 - 35°C. Higher storage temperature may reduce shelf life. Protect from frost and sunlight. The container needs to be closed back immediately after usage.

Packaging

25 kg one-way can
 200 kg one-way drum
 IBC1000 kg one-way container