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XCURA Hyper Gloss

Modern Low Energy / LED flexo gloss coating for commercial and packaging applications

EC coating for sheetfed offset and web offset

Product Features

- XCURA Hyper Gloss is a modern Low Energy / LED gloss flexo coating, which has been developed for both commercial and packaging applications. It is formulated using specially selected raw materials that match the higher wavelength output of these low energy and LED systems.
- XCURA Hyper Gloss is suited for coated and uncoated papers and boards, as well as for various non-porous materials.
- XCURA Hyper Gloss is formulated to give the highest possible production performance whilst ensuring compliance with industry safety regulations. Not suitable for double-sides coating applications.
- XCURA Hyper Gloss 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.
- XCURA Hyper Gloss is not suitable for foil-blockable /gluable /overprintable further applications.

Advantages of XCURA Hyper Gloss

- Gloss effect.
- Suitable for low energy and LED curing systems.
- Fast curing speed.
- Not overprintable, not foil blockable, not gluable.
- 100 % solid – no VOC emissions.

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XCURA Hyper Gloss

Shelf life and storage

Not flammable.
Recommended storage temp. 5-35°C.
Direct sunlight should be avoided to prevent polymerization.
Stable for a minimum of 18 months from the date of manufacture.

Special notes

XCURA Hyper Gloss is formulated to be benzophenone, derivates of benzophenone and ITX free, except technically unavoidable impurities.

To get optimal results we recommend an accurate control of the polymerization process under the low energy or LED lamps.

XCURA Hyper Gloss is formulated in accordance with the following guideline of EuPIA (European Prinking Ink Association, www.eupia.org): Exclusion List for Printing Inks and Related Products.

100% solid – no VOC emissions.

Packaging

20 kg pails. 200 kg drums, 1000 kg containers.

Viscosity

180 mPa.s +/- 20% GARDNER 25°C

Substrates

Ideally suited for coated and uncoated papers and boards, as well as for various non-porous materials, such as rigid and flexible PVC, polypropylene, polystyrene, polyesters.
In view of the wide substrates offered by various manufacturers and in order to check the suitability for the printing of food packaging, we recommend carrying out your own tests before starting a print run.

Printing Process

Flexographic unit.

Flexo unit on offset press.

Not suitable for double sides coating.

Code

VW75-0ZBN

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