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XCURA Plas

The UV LED, HUV, LE and HR curable ink series for sheetfed and web offset printing on non-porous substrates

UV process inks for sheetfed and web offset

Product Features

- XCURA Plas is the next generation of low energy (LED, HUV, LE, HR) inks from the Flint Group for the non-porous substrates used in non-food packaging, label and commercial applications.
- XCURA Plas is specially formulated for non-porous plastics, films and synthetics where maximum adhesion is required.
- XCURA Plas is a highly reactive and flexible UV series for use with LED and low energy curing systems (290 – 400nm).

Advantages of XCURA Plas

- Excellent adhesion on plastic substrates, using LED and LE curing systems
- Very high colour strength
- Fast curing speed
- Excellent ink-water stability and low dampening
- Good rub resistance and adhesion.

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XCURA Plas

		Fastness properties			
		Light fastness	Alcohol	Solvent mixture	Alkali
Article code					
XCURA Plas					
XCURA Plas Process; YE 2,5kg	VW90-1D0S-XSBJ	5	+	+	+
XCURA Plas Process; MA 2,5kg	VW90-3D0S-XSBJ	5	+	+	-
XCURA Plas Process; CY 2,5kg	VW90-5D0S-XSBJ	8	+	+	+
XCURA Plas Process; BK 2,5kg	VW96-9D0S-XSBJ	8	-	-	-
XCURA Plas; Opaque White 2,5kg	VW95-0D1S-XSBJ	8	-	+	+
		Light fastness properties according to ISO 12040: from 1 (low) to 8 (high) Fastness properties according to ISO 2836: + = Resistance provided - = Resistance not provided			

Packaging

XCURA Plas is available in 2,5kg conical plastic pails (-XSBJ).

Drying properties

UV LED / HUV / LE / HR curing

Substrates

Various plastic / non-porous substrates like: OPP, PET, PE and metallised papers and paperboards

Remarks

XCURA Plas inks have been formulated to exclude materials known to cause swelling or degradation of EPDM and NBR type rollers and blankets. Rubber types like EPDM, butyl nitrile or vinyl nitrile are recommended.

Shelf life and storage

The recommended storage temperature is 5 - 35° C.

Direct sunlight as well as long-term exposure to fluorescent lamps should be avoided to prevent polymerisation. Meeting the recommended storage conditions, XCURA Plas will remain stable for a minimum of 12 months from the date of manufacture.

Exceptions

Not for use for food packages without functional barrier.

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