
PRODUCT INFORMATION

LightStar UV LE/LED Premium

The LightStar UV LE/LED Premium series has been developed for processing with energy-saving LED UV drying systems in the wavelength range 385-395nm. However, it can also be cured with conventional UV mercury vapor lamps as well as with the various low-energy systems (LE-UV/H-UV etc.).

A new generation of binder systems enables even difficult printing conditions to be mastered without any problems.

LightStar UV LE/LED Premium is designed as a modern offset printing ink, particularly for the use on paper.

The modified and very stable running behaviour, the large water window, the very good flow properties and the excellent printability are additional features. The increased performance reduces the number of waste sheets and the printing speed can be increased even further.

The series complies with DIN ISO 2846-1 and thus offers optimum conditions for achieving the specifications of DIN ISO 12647-2 from the ink side.

ADVANTAGES

- Low energy expenditure
- No ozone formation
- Very fast through hardening
- Very good ink/water balance
- Fast running –clean of the plates
- Can be processed with and without IPA
- This series is suitable for all common dampening systems

UV-PROCESS INKS

LightStar UV LE/LED Premium

FASTNESSES

	item no.	light	transp.	spirit	nitro	alcali
LightStar UV LE/LED Premium Y	ED1215	5	+	+	+	+
LightStar UV LE/LED Premium M	ED1216	5	+	+	+	-
LightStar UV LE/LED Premium C	ED1217	8	+	+	+	+
LightStar UV LE/LED Premium K	ED1218	8	-	+	+	+

+ property given - property not given

ADDITIVES

UV-Thinner 803

IMPORTANT NOTES OF USAGE

Because of the vast variety of curing systems and substrates on the market, in-house preliminary tests are recommended to determine the drying and adhesion properties.

Should you require any assistance, please do not hesitate to contact our technical engineers.

STORAGE

UV inks have a limited shelf life. In case of appropriate storage between 5°C and 25 °C (41 °F and 77 °F) and protected from direct sunlight, we guarantee a shelf life of 6 months.

Note: This technical description is intended to inform and advise you. It corresponds to our current state of knowledge. However, since the specific application depends on a number of factors over which we have no influence, no guarantee and liability for the pressure failure can be derived.