

### I-CURE LED

#### UV Offset series for paper for Low Energy Consumption UV Dryers

Paper and boards substrates – secondary packaging

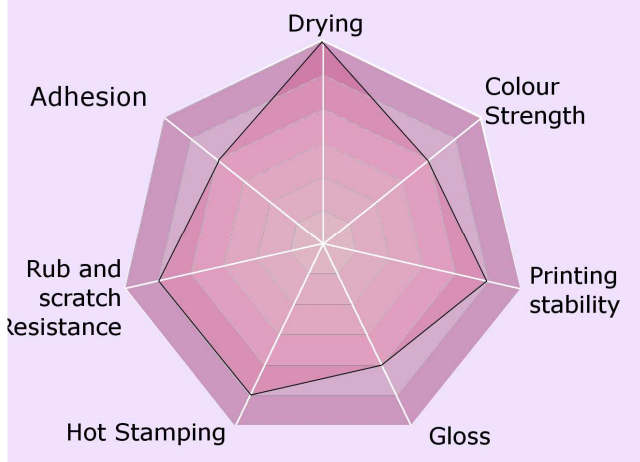
#### Performances

- High reactivity, fast curing speed
- Formulated to match with high wavelength UV, specific characteristic of low energy systems (H-UV, HR UV, LE UV and also LED UV)
- Good dot sharpness
  - > High quality prints
- Suitable for hot stamping and lamination after test<sup>(2)</sup>

#### Substrates

Non coated	***	
Matt coated	***	
Gloss coated	***	
Chrome coated	**	
cardboards	***	
Thermal Eco paper	▲	*** Perfectly suitable
Thermal coated paper	**	** Suitable
Metalized substrates	*	* Test necessary
Synthetic substrates <sup>(1)</sup>	*	▲ Not suitable
Tracing paper	*	(1) Synthetics (PE, PP, PET, PVC)

#### Ink profile



#### I-Cure LED Process Colors

		Fastness		
		Light ISO 2835	Alcohol ISO 2837	Alkali ISO 2838
Process Yellow I-Cure LED	5	+	+	
Process Magenta I-Cure LED	5	+	-	
Process Cyan I-Cure LED	8	+	+	
Process Yellow I-Cure LED	8	+	+	

#### I-Cure LED series

		Fastness		
		Light ISO 2835	Alcohol ISO 2837	Alkali ISO 2838
Yellow P I-Cure LED	5	+	+	
Orange 021 I-Cure LED	5	+	+	
Warm Red I-Cure LED	3	+	-	
Red 032 I-Cure LED	6	+	+	
Rubine Red I-Cure LED	5	+	-	
Process Blue I-Cure LED	8	+	+	
Green I-Cure LED	8	+	+	
Mixing Black I-Cure LED	8	+	+	
Transparente White I-Cure LED	•	+	+	

#### Light Fast inks

Warm Red LF I-Cure LED	5	+	+
Rhodamine LF I-Cure LED	7	+	+
Purple LF I-Cure LED	7	+	+
Violet LF I-Cure LED	8	+	+
Blue 072 LF I-Cure LED	8	+	+
Reflex Blue LF I-Cure LED	8	+	+

#### Other products

Opaque White I-Cure LED	8	+	+
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Fluo and Metallic inks available on demand

#### Spot Colors

Dayamix System® products



#### Packing

1 kg (series) and 2,5 kg (process) UV containers

#### Recommendations

- Do not use for primary foodstuff packaging without functional barrier
- Check the compatibility of the ink/substrate/package foodstuff
- Only use UV auxiliary products (anti tack paste, cleaners, thinners...)
- In case of laser overprinting, it is recommended to print 50% half tones rather than solid print areas.
- <sup>(2)</sup>Suitable for hot stamping and thermal overprinting (test before production).
- May be laminated or varnished (UV, nitro, acrylic).
- To improve rub resistance, use in-line or out-line UV varnish. We recommend ink duct varnishes **Pulsar 200 Glossy LE** and **Pulsar 200 Matt LE** for HUV, LE UV, LED UV... curing device
- Use mainly EPDM UV rollers
- **Store 24 month in original unopened container between 5 and 30°C and protected from direct sun lights. After this period, ink can be used after check**

#### Chemical products could be harmful. Consult MSDS and respect usage guidelines

Information and recommendations hereby mentioned are based on our practical experience and on analyses results obtained in specific laboratory conditions. Due to the variety of applications and conditions of use, they are communicated as indications and cannot be considered as any guarantee.