KORU - KLE



Product features

Technical specifications:	
Film type	 Polyester based recording film for LED imagers.
	 Spectral sensitivity: LED-array 660nm.
Polyester base	 Anti-static, thickness 100μ.
Image quality	Practical density: D 4.30 to 4.50
	◆ Screen range: 2 to 98% at 150lpi
	(depending on the image setter).
Safelight	Dark green, recommended Encasulite T20 ND.75
Processing	Recommended Koru Film Dev.
Developer conditions	Between 30 and 40 seconds at 38°C
Replenishment	 Koru Film Dev: 200ml/m² at 50% exposed film Koru Film Dev: anti ox replenishment: 1000ml/24h Koru Film Fix: 300ml/m² at 50% exposed

Features:

- Hard dot quality: perfect sharpness & practical density even in the smallest dots
- Moderate system latitude: Wide exposure latitude but limited processing latitude
- Very good Day to day consistency
- Very good batch-to-batch consistency
- Convenience and ease of use because of available ECO equipment
- ← Ecological & Economical replenishment, very low chemistry consumtion
- Linear output for conventional screening
- Approved for stochastic screening
- Anti-static before and after processing
- Universal processing: hard dot quality even in rappid access processing systems

Practical exposure on Koru - KLE			
Engine	Tanto		
Int. Setting	55 (S-high spiral)		
Practical density	D.4.30-4.50		
2400dpi / 150 lpi - no calibration			
Linearity 5%	4%		
50 %	54%		
95 %	97%		

Technical InfoSheet

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User guidelines

Processing conditions

Developer

Recommended processing time

Processing latitude

Processing temperature

dilution

Koru Film Dev (1+2)

35 sec.

30 - 40 sec.

38°C or 100°F

1 part KFDev + 2 parts water



	ml/m2	cc/sqin
15% exp.	75	0,04
50% exp.	200	0,13
85% exp.	350	0,20

Anti-Ox replenishment

 $1000 \text{ ml}/24h = 0.264 \text{ US_gallons}/24h$

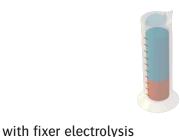
Fixer

Fixing temperature

Koru Film Fix (1+4)

32°C or 90°F

without fixer electrolysis



15% exp.	500 ml/m2	0,32 cc/sqin
50% exp.	300 ml/m2	0,19 cc/sqin
85% exp.	100 ml/m2	0,06 cc/sqin
	125 ml/m2	0,08 cc/sgin

Practical Set-up Density:

> **D.4.30** (dotgain depending on optical quality of Imagesetter)

Chemical compatibility:

Processable in common Rapid Access and Hard Dot chemistries.

Dimensional stability:

Humidity. coef:

0.10mm base Crh 0.016mm/m / % RH

Temp. coef:

0.10mm base

Cot 0.018mm/m $/1^{\circ}$ C (0.001mm/m $/1^{\circ}$ F)

Safelight conditions:

Dark green

Recommended: EncapSulite T20/ND.75 or equivalent

Storage:

The films are preferably stored in a cool dry place temperature below

20°C (68°F) and a relative humidity between 30% and 60%.