

# technical specifications

## Supreme Image Carbonless

Supplier Oji Paper Site Oji Paper, Thailand

Date July 2007

- ⊕ Available in white & four vibrant colours
- ⊕ Excellent bulk & runnability
- ⊕ High sensitivity & copying capability

### White 60gsm

Properties	Unit	CB	CFB	CF	Method
Substance	gsm	60 ± 4	60 ± 4	60 ± 4	TAPPI 410
Thickness	um	74 ± 5	74 ± 5	78 ± 5	TAPPI 411
Smoothness	Sec/10ml	70 ± 50	70 ± 50	70 ± 50	TAPPI 479
Moisture	%	6.3 ± 0.5	6.3 ± 0.5	6.8 ± 0.5	TAPPI 412
Brightness	%	≥ 80	≥ 80	≥ 80	ISO 2470 (C/20 <sup>0</sup> )
Curl		Flat ~-3	Flat ~-3	Flat ~-3	
Product Validity*		5 years	5 years	5 years	

\*Product Validity: Must be stored under the following conditions:

- ⊕ **Temperature:** 23 ± 5
- ⊕ **Humidity:** 50 ± 10% rh
- ⊕ Under dark place, avoiding direct sunlight.
- ⊕ Without contacting plastic surfaces such as vinyl chloride film.

### Printing Hints

#### Inks

High quality, low tack inks should be used, preferably unreduced. The ink must not react with the coating; if in doubt consult your ink supplier. When printing on the reverse side, use thinly applied light coloured inks (no glossy inks).

#### Offset

When selecting offset printing plates make sure they are suitable for printing on carbonless paper. They should allow minimal water passage, and the rubber blankets should be compressible. Exercise great care when using dampening solution additives, as they can cause discolouring or reduce the legibility of copies. The proportion of alcohol added should not exceed 15%, and the pH should be kept at 5.5.



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## Supreme Image Carbonless cont.

### Small Offset

When using small offset presses, it is advisable to run the paper through the press with its grain perpendicular to the cylinders (long grain). This will enhance running stability.

### Processing Tips

#### Cutting

When using guillotine-type cutters the following must be observed:

- ⊕ Keep the clamp pressure as low as possible
- ⊕ Slipping of the stack and discolouration can be avoided by attaching a 20mm thick section of expanded rubber to the clamp
- ⊕ Remove protection sheets before cutting the ream.
- ⊕ Ensure that the guillotine blade is sharp

#### Desensitising

Supreme Image desensitising inks are specially matched to the reaction system of the Supreme Image paper. No guarantee can be given if other inks are used. It is suitable for wet offset (also suitable for letterpress and dry offset after adding 2% print oil).:



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