

EOS™ HIGH SPEED

Highly concentrated sheetfed offset inks for 4-colour process printing on the latest generation printing presses with press speeds up to and greater than 15 000 cph.

Process printing with **EOS™ HIGH SPEED** inks on a suitable substrate under carefully controlled conditions the use of spray powder can be significantly reduced or even eliminated.

Complies with industrial standards including as EN 71/3 (Toy regulations) and CONEG (Regulation on toxic heavy metals).

Process Colours

	Product code	Light fastness ISO 12040	Alcohol ISO 2836	Solvent Mixture ISO 2836	Alkali ISO 2836
EOS™ HIGH SPEED Process Black S 6107	EOS24	7	-	-	+
EOS™ HIGH SPEED Process Cyan B 6106	EOS38	8	+	+	+
EOS™ HIGH SPEED Process Magenta P 6106	EOS39	5	+	+	-
EOS™ HIGH SPEED Process Yellow G 6106	EOS09	5	+	+	+

Characteristics

Highly concentrated	Very fast work and turn (dependent on substrate)
Duct fresh	Drying by absorption and oxidation
Excellent printability at very high press speeds	Excellent mechanical resistance (dependent on substrate)
Excellent water stability	Very fast conversion
Very fast absorption and setting	Very good IR reactivity
Best stacking capability	good gloss

Fountain solutions

EOS™ HIGH SPEED is compatible with a wide range of fountain solutions with and without Isopropanol (IPA) (0-12%). Sun Chemical recommends the following suitable products:

SunFount 410 ; suitable for 5-7% IPA in normal water qualities

SunFount 480 ; suitable for 5-7% IPA, where reduced tendency to roller glazing is required

SunFount 455 ; suitable for 0-5% IPA, adapted for IPA free printing

For printing at 0-5% alcohol and for assistance in choosing the fount additive best suited to the printing conditions and water, please consult our technical services.

Additives and press auxiliaries

EOS™ HIGH SPEED process inks are duct fresh and supplied ready to print.

For further detailed application advice please contact our technical services. Material Safety Data Sheet available on request.