



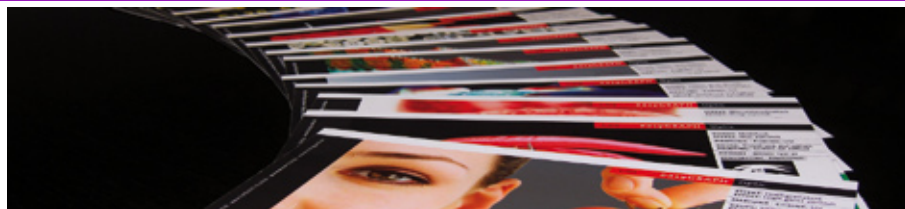
## PRODUCT GROUP 500

### Series 590-KPG200/xx

UV-Pearlescent Inks, coarse

### Series 590-KPF200/xx

UV-Pearlescent Inks, fine



These product compositions represent pearlescent effects in coarse and fine optic for a visually attractive finishing of printings and packaging's. These systems consist of metal-free pigments and are eventually also suitable for post-processes with High Frequency Welding.

The curing energy necessary for these UV-curable inks depends on the therein contained pigments and to the substrate and normally lies between 250–500 mJ/m<sup>2</sup>. The curing conditions should be adjusted to substrate and color shade. Curing is normally more difficult with dark substrates and therefore a higher curing energy of 500 up to 700 mJ/m<sup>2</sup> may possibly be required. Because of the "after-curing" of some color shades, final adhesion will only be reached after 24 hours. For the fine pearlescent effects, a mesh of 77-55 Y PET 1000 is recommended; for the coarse pearlescent effects, a 32-100 Y PW up to 43-80 Y PW PET 1000.



#### SUBSTRATES

Paper, paperboards, cardboard	Soft-PVC / Rigid-PVC	OPP-Laminate	Offset-Preprints
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#### USE

<b>Application</b>	Paper finishing
	Packaging's



#### PROPERTIES, PROCESSING, DRYING AND MESH

<b>Mesh</b>	32-100 Y PW PET 1000 up to 77-55 Y PW PET 1000
<b>Drying / Curing</b>	250-750 mJ/m <sup>2</sup> (Technigraf Integrator), depending on pigments and substrate
<b>Further Processing</b>	Punching, cutting



#### ADDITIVES

<b>Thinner</b>	Series 500-017	<b>Addition Ratio</b>	Up to 10 % by weight
<b>Retarder</b>	-	<b>Addition Ratio</b>	-



#### VARIOUS

<b>Delivery Conditions</b>	1 kg / 5 kg / 20 kg
<b>Other</b>	Stir well before use, protect from direct light

#### Disclaimer

Please thoroughly read the Material Safety Data Sheet (MSDS) prior to processing. The Material safety Data Sheets according to 91/155/EWG form, contain indications of hazardous ingredients. Exposure levels and instructions for precautions when processing, handling and storing as well as first aid. The information given in the MSDS refers to the processing as described within this technical leaflet. Above data are based on laboratory tests and field experience. All therein contained statements are to the best of our knowledge without any obligation from our side and do not discharge from testing the product by yourself. In doubtful cases, you are kindly requested to either perform your own tests or refer to our technical staff. Application, use and processing of the delivered products are beyond our control and are therefore at your own risk and responsibility. Printcolor is thus free from any guarantees or liabilities. In cases of justified complaints, Printcolor can only be made liable for the counterpart of the utilized ink system. Adding not stated products or foreign / competitors products, is solely at your own risk and liberates Printcolor of any later calls; especially in cases when damages occurred and which have been caused through use of products of foreign type. This leaflet replaces all former issues. (03/2009)



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