



UKSEUNG CHEMICAL Co., LTD  
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### Panax Color\_FL-Series

Production Description		Product Code : Panax	
Type	Fluorescent Pigment	Lemon Yellow FL-203	Yellow FL-205
C.I. No.	Not Applicable	Orange FL-305	Orange Red FL-400
Chemical Type	Thermoset resin + Dye	Red FL-403	Pink FL-503
CAS No.	Not Applicable	Pink FL-505	Rose FL-507
Polymer type	Amino resin	Violet FL-605	Magenta FL-707
		Blue FL-805	Green FL-905

- Very low Formaldehyde
- High color intensity
- Excellent heat resistance
- Fine microsphere and narrow particle size distribution
- Excellent solvent and migration resistance
- Excellent resistance to acid, alkalis and other chemicals

Physical Data			Appearance
Appearance	Color powder	SEM	
pH	3.5~6.0	KS M ISO 787-9	
Specific gravity (g/cm3)	1.3	JIS K 1501	
Average Particle size (µm )	1~5	Mastersizer 3000	
Hegman Grind	< 5		
Moisture Content (%)	≤ 3.0	Mettler HB43-S	
Heat Stability (°C)	230	PP, Injection	
Oil absorption (%)	45	KS M ISO 787-5	

#### Solubility and Bleed Resistance

	Methanol	Acetone	MEK	E.Acetate	Toluene	DMF	Remark
L / Yellow FL-203	○	○	○	○	○	○	○ : none
Yellow FL-205	○	○	○	○	○	○	● : very slight
Orange FL-305	△	○	○	△	○	●	△ : slight
Orange Red FL-400	△	○	○	△	○	●	◎ : Moderate
Red FL-403	△	○	○	△	○	●	● : Considerable
Pink FL-503	△	○	○	△	○	◎	
Pink FL-505	△	○	○	△	○	◎	
Rose FL-507	△	○	○	△	○	●	
Violet FL-605	●	●	●	●	○	●	
Magenta FL-707	△	○	○	△	○	●	
Blue FL-805	○	○	○	○	○	○	
Green FL-905	○	○	○	○	○	○	

#### Applications

Water / Solvent Based Paints/Inks	Vinyl Plastisols, Calendered Film, Silicone Ink
Plastics (Master batch, Moldings & Extrusions)	Textiles
Aerosols	Rubbers (Natural, Synthetic)

#### Standard Packaging

Paper bags	10 kg
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Our products specific end application information are based up on our current knowledge. They are presented without any representation or warranty concerning the suitability, performance or correctness of the product for a particular application or use.

Significant variations can occur between test results and results obtained in actual use. We strongly advise that the customer test the product in the specific intended application under conditions expected during use.

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