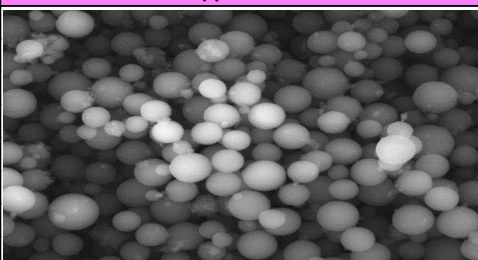


Fluorescent Pigments - FLL (D) Series							
Production Description				Product Code : Panax			
Type	Fluorescent Pigment			Yellow FLL-205D		Blue FLL-805D	
C.I. No.	Not Applicable			Orange FLL-305D		Green FLL-905D	
Chemical Type	Thermoset resin + Dye			Red FLL-403D			
CAS No.	Not Applicable			Pink FLL-503D			
Polymer type	Amino resin			Magenta FLL-707D			
· Extremely low residual formaldehyde				· Excellent solvent and migration resistance			
· Fine microsphere and narrow particle size distribution				· Excellent heat resistance			
· High color intensity				· Excellent resistance to acid, alkalis and other chemicals			
Physical Data				Appearance			
Appearance	Color powder			SEM			
pH	4.5~7.5			KS M ISO 787-9			
Specific Gravity (g/cm <sup>3</sup> )	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
Yellow FLL-205D	△	○	●	○	○	◎	○ : none ● : Very slight △ : Slight ◎ : Moderate ● : Considerable
Orange FLL-305D	△	○	●	△	○	●	
Red FLL-403D	△	○	●	△	○	●	
Pink FLL-503D	△	○	●	△	○	◎	
Magenta FLL-707D	△	○	●	△	○	●	
Blue FLL-805D	○	○	○	○	○	○	
Green FLL-905D	○	○	○	○	○	○	
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			
Big Bags type C				On request			
Storage							
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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