

Fluorescent Pigments - UFB Series							
Product Description				Product Code: UFB			
Type	Fluorescent Pigments			Lemon/Yellow UFB-203		Pink UFB-503	
Colour Index	Not Applicable			Yellow UFB-205		Rose UFB-507	
Chemical Type	Thermoset resin + Dye			Orange/Yellow UFB-207		Magenta UFB-707	
CAS No.	Not Applicable			Orange UFB-305		Violet UFB-605	
Polymer Type	Benzoguanamine + Formaldehyde			Orange/Red UFB-400		Blue UFB-805	
				Red UFB-403		Green UFB-905	
<ul style="list-style-type: none"> • low Formaldehyde • High color intensity • Good heat resistance 				<ul style="list-style-type: none"> • Fine microsphere and narrow particle size distribution • Good solvent and migration resistance • Good resistance to acid, alkalis and other chemicals 			
Physical Data					Appearance		
Appearance	Color Powder			SEM			
p.H (10% aq. Slurry)	3.5~6.0 @ 20°C			KS M ISO 787-9			
Specific Gravity (g/cm3)	1.3			JIS K 1501			
Average Particle Size (µm)	1 ~ 5			Mastersizer 3000			
Moisture Content (%)	Max 3			Mettler HB43-S			
Heat Resistance (°C)	150°C			PP, Injection			
Oil absorption (%)	49			KS M ISO 787-9			
Solubility and Bleed Resistance							
	Methanol	Acetone	MEK	E.Acetate	Toluene	DMF	Remark
L/Yellow UFB-203	△	◎	◎	◐	○	●	○ : None ◐ : Very slight △ : Slight ◎ : Moderate ● : Considerable
Yellow UFB-205	△	◎	◎	◐	○	●	
Orange Yellow UFB-207	△	◎	◎	◐	○	●	
Orange UFB-305	△	◎	◎	◐	○	●	
Orange Red UFB-400	△	◎	◎	◐	○	●	
Red UFB-403	△	◎	◎	◐	○	●	
Pink UFB-503	△	◎	◎	◐	○	●	
Rose UFB-507	△	◎	◎	◐	○	●	
Magenta UFB-707	△	◎	◎	◐	○	●	
Violet UFB-605	△	◎	◎	◐	○	●	
Blue UFB-805	◐	◐	◐	◐	◐	◐	
Green UFB-905	△	◎	◎	◐	○	●	
Applications							
Water Based Paint/Inks				Flexographic Ink			
Silkscreen Printing				Rubbers (Natural, Synthetic)			
Paper Coating				Plastics / Gravure Ink			
Standard Packaging							
Paper Bags				10 kg			
Big Bags Type C				On Request			
Storage							
The product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with legal regulations. Our products specific end use 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 recommend that customers test the product in the specific intended application under conditions expected during use.							
Head Office				Europe Office			
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