

Moonshine® Ultra Hot Pink Shimmer

Production Code: GFUEP

Technical Information

Moonshine® Ultra effect series are based on our thin borosilicate glass flakes which have an average thickness of 1.0 microns and are coated with a combination of high refractive index metal oxides and colorants, resulting in unique pigments that display strong colours combined with interference effects.

Composition					
Ingredients	Composition	By Weight (%)		CAS No.	CI No.
Calcium Sodium Borosilicate	Glass	73 - 84		65997-17-3	-
Tin Oxide	SnO ₂	0 - 1		18282-10-5	77861
Titanium Dioxide	TiO ₂	15 - 24		13463-67-7	77891
Carmine	Carmine	1 - 2		1390-65-4	75470
Nominal flake thickness (µm):	Uncoated	1.0		Coated	1.21 - 2.21
Particle Size Diameter (µm):	Mean	D10	D90	(Laser diffraction Measurement)	
		20	100		
Oil Absorption g/100g:	Range	140	170	ASTM D281-12	
pH:	4.0 - 8.0		(10% Aqueous Suspension)		
Loss on Drying:	2% max.				
Trace Elements - Typical:	Mercury (Hg)	2 ppm max.		IEC 62321:2013 ICP-MS	
	Arsenic (As)	5 ppm max.			
	Lead (Pb)	10 ppm max.			
	Cadmium (Cd)	2 ppm max.			
	Total Barium (Ba)	50 ppm max.			
	Antimony (Sb)	2 ppm max.			
	Total Chromium (Cr)	15 ppm max.			
	Nickel (Ni)	10 ppm max.			
	Copper (Cu)	5 ppm max.			
	Cobalt (Co)	5 ppm max.			
	Selenium (Se)	2 ppm max.			
Microorganisms:	100 CFU/g max.		No Pathogens		
Note:	This product contains Carmine, which is partially soluble above pH7 and unstable under high temperatures. Do not heat above 110°C (230 °F).				

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This information is given in good faith without guarantee or liability. All values are approximate.