

**Moonshine® Ultra Hot Pink Sparkle**

**Production Code: GFUEPS**

**Technical Information**

Moonshine® Ultra effect series are based on our thin borosilicate glass flakes which have an average thickness of 1.0 micron 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	74 - 86		65997-17-3	-
Tin Oxide	SnO <sub>2</sub>	0 - 1		18282-10-5	77861
Titanium Dioxide	TiO <sub>2</sub>	14 - 24		13463-67-7	77891
Carmine	Carmine	0.5 - 1		1390-65-4	75470

  

<b>Nominal flake thickness</b> (µm):	Uncoated	1.0		Coated	1.21 - 2.21
<b>Particle Size Diameter</b> (µm):	Mean	D10	D90	(Laser diffraction Measurement)	
		50	250		
<b>Oil Absorption g/100g:</b>	Range	150	180	ASTM D281-12	

  

<b>pH:</b>	4.0 - 8.0	(10% Aqueous Suspension)
<b>Loss on Drying:</b>	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.	
<b>Microorganisms:</b>	100 CFU/g max.	No Pathogens	
<b>Note:</b>	This product contains Carmine, which is partially soluble above pH7 and unstable under high temperatures. Do not heat above 110°C (230 °F).		

Glassflake Ltd  
Forster Street Leeds LS10 1PW England  
info@moonshinepigments.com www.moonshinepigments.com

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