

PURAFLAKE®

Borosilicate Cosmetic Fillers

Product Code: GFE-PF100-LL

Technical Information

Puraflake® cosmetic filler series are based on our ultra-thin borosilicate glass flakes which have an average thickness of 1µm. An alternative high purity synthetic filler giving improved skin feel.

Composition					
Ingredients	Composition	By Weight (%)		CAS No.	CI No.
Calcium Sodium Borosilicate	Glass	100		65997-17-3	-
Nominal flake thickness (µm):	Uncoated	1.0		(By Laser Diffraction)	
Particle Size Diameter (µm):	Mean	D10 10	D90 60		
pH:	7.0 - 11.0		(10% Aqueous Suspension)		
Loss on Drying:	0.5 % max				
Trace Elements - Typical: (Total Pigment)	Mercury (Hg)	1 ppm max		IEC 62321:2013 ICP-MS	
	Arsenic (As)	2 ppm max			
	Lead (Pb)	5 ppm max			
	Cadmium (Cd)	2 ppm max			
	Barium (Ba)	50 ppm max			
	Antimony (Sb)	2 ppm max			
	Chromium (Cr)	15 ppm max			
	Nickel (Ni)	10 ppm max			
	Copper (Cu)	5 ppm max			
	Cobalt (Co)	2 ppm max			
	Selenium (Se)	2 ppm max			
Microorganisms:	100 CFU/g max.		No Pathogens		
According to ISO 16128-2	Natural/Natural Origin Index No.: = 1		Organic Index No.: = 0		

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