

PURAFLAKE®

Borosilicate Cosmetic Fillers

Product Code: GFE-PF-HH

Technical Information

PuraFlake® cosmetic filler series are based on our ultra-thin borosilicate glass flakes which have an average thickness of 350nm. 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 (nm): | Uncoated | 350nm | | (By Laser Diffraction) |
| Particle Size Diameter (µm): | Mean | D10 5 | D90 40 | |
| Oil Absorption g/100g: | Range | 150 | 180 | |

| | | |
|------------------------|------------|--------------------------|
| 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 | |

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.