

Granpowder Lumière-DP

INCI NAME

Polymethylsilsesquioxane (and) Diamond Powder

PERFORMANCE

- Feature micron sized polymethylsilsesquioxane spherical powders with an entrapped photoluminescent diamond core
- Particles feel and formulate identically to unmodified PSQ
- On the skin, particles manipulate incident light by converting invisible UV light to blue light (photoluminescence) and selectively scatter favorable blue and green light. The particles settle into wrinkles and subtly illuminate a blue glow, decreasing the appearance of the wrinkles.
- Appearance of shadows, wrinkles, pigmentations and discolorations are diminished
- Granpowder Lumière-DP** glows an intense blue color when illuminated by UV light and scatter all wavelengths of light resulting in a dramatically enhanced "Soft-Focus Effect"

FORMULATION

- Can be formulated into oil O/W emulsions, W/O emulsions and anhydrous systems
- Applications include (but are not limited to) skincare and color cosmetics

Technical Support? formula@grantinc.com

PHYSICAL PROPERTIES

| | |
|---|---------------------------------|
| Appearance | White powder |
| Odor | Typical |
| Non-Volatile Matter, wt% (105°C, 1.5g, 1hr, Gravity Oven) | 97.00 – 100 |
| Average Particle Size, µm | 3 – 10 |
| Heavy Metals, ppm | <20 |
| Arsenic, ppm | <2 |
| Shelf Life | Two years in a closed container |

PACKAGING

5kg and 10kg bags

Revised 12/13