

Product Specification



PEARLESCENT BRONZE

INCI: Mica, CI 77491

APPEARANCE: Golden-brown lustrous powder.

CHEMICAL COMPOSITION	%	CI NO.	CAS NO.	EINECS NO.
Mica	60.0 - 68.0	77019	12001-26-2	310-127-6
Iron (III) Oxide	32.0 - 40.0	77491	1309-37-1	215-168-2

PARTICLE SIZE (Method MALVERN 2000): 10.0 - 60.0 μm (80 % within range)
18.0 - 25.0 μm (D_{50} : median size)

pH (10% aqueous suspension, ISO 787-9): 3.0 - 7.0

LOSS ON DRYING (105°C, 2 hours, ISO 787-2): < 0.5 %

MICROBIAL PURITY (USP, Ph. Eur.): Total Viable Aerobic Count < 100 CFU/g

E. coli absent in 1 g

Pseudomonas aeruginosa absent in 1 g

Staphylococcus aureus absent in 1 g Salmonella species absent in 10 g

Candida albicans absent in 1 g

Gram negative bacteria absent in 1 g

HEAVY METALS (Modified CTFA and internal methods):

As < 2 ppm

Hg < 1 ppm

Ba < 50 ppm

Ni < 10 ppm

Cd < 3 ppm

Pb < 10 ppm

Cr < 100 ppm

Sb < 1 ppm

Cu < 50 ppm

Zn < 50 ppm

BULK DENSITY (DIN 53466): 25 - 27 g/100 ml

(AZ)
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