



Cloud Chemicals

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PEARLESCENT PIGMENTS

Product Name: Bright Gold	Color: Gold	Appearance: Lustrous Powder
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Chemical Composition:

Ingredient	% Composition	CI Number	CAS Number	EINCES Number
Mica	57-62	77019	999999-99-4 or 12001-26-2	310-127-6
Titanium Dioxide	22-26	77891	13463- 67-7	236-675-5
Red Iron Oxide	1-4	77491	1309-37-1	215-168-2
Tin Oxide	0-1	77861	18282-10-5	242-159-0

Physical Properties:

Parameter	Value	Unit	Method	Remark
TiO ₂ Modification	Rutile	Rutile	ASTM D3720	-
Volatile matter	Max 1	Mass %	ISO 787-2	At 105 ⁰ C, 2h
Oil absorption	50-60	g/100g	ISO 787-5	-
pH Value	5-8	-	ISO 787-9	10% Aq. Suspension
Sp. Gravity	3.2± 0.2	-	IS 33 Part B	-
Apparent density	0.6± 0.1	g/cc	ISO 787-11	-
Water Solubility	Max 1	%	IS 3493	Practically Insoluble
Heat Solubility	800	⁰ C	CPTL/301	-
Resistance to dilute acid and alkali	5	1-5 Grey scale	CPTL/301	-
Particle size range (85% within range)	10-60	µm	EP/1020	Determined on Malvern particle size analyzer
Light Fastness	8	1-8 Blue wool scale	CPTL/301	-