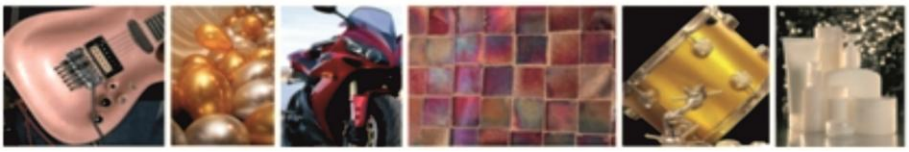

Sumica™
pearlescent pigments

Product Name : Sumica™ Supreme Gold	**Color** : Gold	**Appearance :** Lustrous Powder

Chemical Composition

Ingredient	% Composition	C. I. Number	CAS Number	EINCES Number
Synthetic Fluorophlogopite	38-50	0	12003-38-2	234-426-5
Titanium Dioxide	41-53	77891	13463-67-7	236-675-5
Red Iron Oxide	6-12	77491	1309-37-1	215-168-2
Tin Oxide	< 1	77861	18282-10-5	242-159-0

Physical Properties

Parameter	Value	Unit	Method	Remark
TiO_2 modification	Rutile	-	ASTM D3720	-
Volatile matter	Max 1	%	ISO 787-2	At 105ºC, 2 h
Oil absorption	50-70	g/100g	ISO 787-5	-
pH value	6-10	-	ISO 787-9	10% Aq. Suspension
Sp. Gravity	2.8 ± 0.2	-	IS 33 Part B	-
Apparent density	0.65 ± 0.1	g/cc	ISO 787-11	-
Water solubility	Max 1	%	IS 3493	Practically Insoluble
Heat stability	800	ºC	Sudarshan CPTL/301	-
Resistance to dilute acid and alkali	5	1-5 Scale	Sudarshan CPTL/301	-
Particle size range (85% within range)	10-60	µm	Sudarshan EP/1020	Determined on Malvern Particle Size Analyzer
Light Fastness	8	1-8 Blue Wool Scale	Sudarshan CPTL/301	-

Disclaimer : The information given in this data sheet is based on the present state of our knowledge & is intended as a general description of our products & their possible applications. Neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Because of the multitude of formulations, production & application conditions, all the above mentioned data have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases. Any user of this product is responsible for determining the suitability of Sudarshan's products for its particular application & to ensure that any proprietary rights & existing laws & legislation are observed.

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Issue No. : 01
Released in : Jun-25
Reviewed in : -
For latest version visit www.sudarshan.com

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