



**Sumica**<sup>TM</sup>  
pearlescent pigments

<b>Product Name</b> : Sumica <sup>TM</sup> Imperial Gold	<b>Color</b> : Red Tone Gold	<b>Appearance</b> : Lustrous Powder
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Chemical Composition				
Ingredient	% Composition	C. I. Number	CAS Number	EINCES Number
Mica	42-54	77019	12001-26-2	310-127-6
Titanium Dioxide	25-33	77891	13463-67-7	236-675-5
Red Iron Oxide	19-27	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 <sub>2</sub> modification	Rutile	-	ASTM D3720	-
Volatile matter	Max 1	%	ISO 787-2	At 105°C, 2 h
Oil absorption	50-70	g/100g	ISO 787-5	-
pH value	6-9	-	ISO 787-9	10% Aq. Suspension
Sp. Gravity	2.8 ± 0.2	-	IS 33 Part B	-
Apparent density	0.4 ± 0.1	g/cc	ISO 787-11	-
Water solubility	Max 1	%	IS 3493	Practically Insoluble
Heat stability	800	°C	Sudarshan CPTL/301	-
Resistance to dilute acid and alkali	Stable	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	-

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