

TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6

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Doc ID: TDS IRIDESIUM -100SW

Product denomination:	Pearlescent Pigment	IRIDESIUM -100SW
TDS Number:	IRIDESIUM – 100SW	

Physical Properties		Test Method
Physical Form:	Dry powder	N/A
Appearance:	Silver White Powder	N/A
Particle size Range:	10-60 µm	Laser Diffraction
Density	2.7 - 3.0 g/cm ³	DIN-ISO-787-10
Bulk Density	15-21 g/100ml	ISO 3923 / ISO 3953
pH 10% Aqueous Slurry	7-11	DIN-ISO-787-9
Solubility in Water	Not Soluble	N/A
Oil Absorption	60-80 g/100 g	GB/T 5211.15-88
Heat Resistance	≤ 820°C	N/A

Storage: Non flammable / S-Phrase S22 / Do not breathe dust

Composition - International Nomenclature of Cosmetics Ingredients (INCI) :				Nominal	Unit	Test Method
Synthetic Fluorophlogopite	CI:Unlisted	CAS:12003-38-2	EINECS: 234-426-5	71-75	%	ESCA
Titanium dioxide	CI : 77891	CAS: 13463-67-7	EINECS : 236-675-5	24-28	%	ESCA
Tin dioxide	CI: 77861	CAS: 18282-10-5	EINECS: 242-159-0	<1	%	ESCA
Loss on Drying				<0.5	%	ISO787/2

Visual And Colorimetric Evaluation Conforms Pritty YRH

EC - Safety Data Sheet (MSDS) According to EC Directive 91/155/EEC **IRIDESIUM -100SW**

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END OF TECHNICAL DATA SHEET