

TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6 Issued: Sep. 1st, 2018 Doc ID: TDS SWI-120N

Product denomination:	Pearlescent Pigment	IRIDESIUM -120N
TDS Number:	SWI - 120N	

Physical Properties		Test Method
Physical Form:	Dry powder	N/A
Appearance:	Silver White Powder	N/A
Particle size Range:	5-25 µm	Laser Diffraction
Density	2.9-3.1 g/cm ³	DIN-ISO-787-10
Bulk Density	19-26 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	60-80g/100 g	GB/T 5211.15-88
Heat Resistance	≤ 800°C	N/A

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

Composition - International Nomenclature of Cosmetics Ingredients (INCI) :				Nominal	Unit	Test Method
Mica	CI : 77019	CAS: 12001-26-2	EINECS : 310-127-6	62-68	%	ESCA
Titanium dioxide	CI : 77891	CAS: 13463-67-7	EINECS : 236-675-5	32-38	%	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
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EC - Safety Data Sheet (MSDS) According to EC Directive 91/155/EEC IRID-120N

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END OF TECHNICAL DATA SHEET