

# TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6      Issued: Sep. 1<sup>st</sup>,2018      Doc ID: TDS IRI-500

Product denomination:	<b>Pearlescent Pigment</b>	<b>IRIDESIUM -500</b>
TDS Number:	IRI- 500	

Physical Properties		Test Method
Physical Form:	Fine powder	N/A
Appearance:	Red Powder	N/A
Particle size Range:	10-60 µm	Laser Diffraction
Density	3.0 - 3.3 g/cm <sup>3</sup>	DIN-ISO-787-10
Bulk Density	22-28 g/100ml	ISO 3923 / ISO 3953
pH 10% Aqueous Slurry	6-9	DIN-ISO-787-9
Solubility in Water	Not Soluble	N/A
Oil Absorption	50-70 g/100 g	GB/T5211.15-88
Heat Resistance	≤ 700°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	61-65	%	ESCA
Diiron trioxide	CI: 77491	CAS: 1309-37-1	EINECS : 215-168-2	35-39	%	ESCA
Loss on Drying				<0.5	%	ISO787/2

<b>Visual And Colorimetric Evaluation</b>	Conforms	Pritty YRH
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EC - Safety Data Sheet (MSDS) According to EC Directive 91/155/EEC      IRID-500

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END OF TECHNICAL DATA SHEET