

TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6 Issued: Sep. 1st,2018 Doc ID: TDS IRI-504

Product denomination:	Pearlescent Pigment	IRIDESIUM -504
TDS Number:	IRI- 504	

Physical Properties		Test Method
Physical Form:	Fine powder	N/A
Appearance:	Red Powder	N/A
Particle size Range:	10-60 µm	Laser Diffraction
Density	3.1 - 3.4 g/cm ³	DIN-ISO-787-10
Bulk Density	24-32 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	55-75 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	53-57	%	ESCA
Diiron trioxide	CI: 77491	CAS: 1309-37-1	EINECS : 215-168-2	43-47	%	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-504

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END OF TECHNICAL DATA SHEET