

TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6 Issued: Sep. 1st,2020 Doc ID: TDS IRIDESIUM-3305

Product denomination:	Pearlescent Pigment	IRIDESIUM -3305			
TDS Number:	IRIDESIUM - 3305				
Physical Properties		Test Method			
Physical Form:	Dry powder	N/A			
Appearance:	Golden Powder	N/A			
Particle size Range:	10-60 µm	Laser Diffraction			
Density	3.1 - 3.6 g/cm ³	DIN-ISO-787-10			
Bulk Density	35-43 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 Fluorphlogopite	CI : Unlisted CAS: 12003-38-2	EINECS : 234-426-5	30-40	%	ESCA
Titanium dioxide	CI : 77891 CAS: 13463-67-7	EINECS : 236-675-5	47-54	%	ESCA
Tin dioxide	CI : 77861 CAS: 18282-10-5	EINECS : 242-159-0	≤1	%	ESCA
Diiron trioxide	CI: 77491 CAS: 1309-37-1	EINECS : 215-168-2	12-15	%	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-3305			

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END OF TECHNICAL DATA SHEET