

TECHNICAL DATA SHEET & PRODUCT SPECIFICATIONS



Revision: 6

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Doc ID: TDS II-205

Product denomination:		Pearlescent Pigment		IRIDESIUM -205		
TDS Number:		II - 205				
Physical Properties				Test Method		
Physical Form:		Dry powder		N/A		
Appearance:		Golden Powder		N/A		
Particle size Range:		10-60 µm		Laser Diffraction		
Density		2.9 - 3.2 g/cm³		DIN-ISO-787-10		
Bulk Density		25-33 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		55-75g/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	55-61	%	ESCA
Titanium dioxide	CI : 77891	CAS: 13463-67-7	EINECS : 236-675-5	39-44	%	ESCA
Tin dioxide	CI : 77861	CAS: 18282-10-5	EINECS : 242-159-0	2-3	%	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			IRID-205			

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END OF TECHNICAL DATA SHEET