

MAHAVIR INDUSTRIES

(Since 1979)

(Manufacturer & Exporter of Dyestuff & Organic Pigments)

SPECIFICATION OF MAHAFAST SILVER SPARKLE 8145


PRODUCT DESCRIPTION				
Brand Name	Grade Name	Color	Pigment Class	Appearance
Mahafast Silver Sparkle 8145	8145	Silver	Titanium Dioxide Coated Mica	Lustrous Powder

CHEMICAL COMPOSITION				
Ingredient	% Composition	C. I. Number	CAS Number	EINCES Number
Mica	74-86	77019	12001-26-2	310-127-6
Titanium Dioxide	16-22	77891	13463-67-7	236-675-5
Tin Oxide	< 1	77861	18282-10-5	242-159-0

PHYSICAL PROPERTIES				
Parameter	Value	Unit	Method	Remark
TiO ₂ modification	Rutile	-	ASTM D3720	-
Volatile matter	Max 1	%	ISO 787-2	At 105°C, 2 h
Oil absorption	70-80	g/100g	ISO 787-5	-
pH value	8-10	-	ISO 787-9	10% Aq. Suspension
Sp. Gravity	3.0 ± 0.2	-	IS 33 Part B	-
Apparent density	0.6 ± 0.1	g/cc	ISO 787-11	-
Water solubility	Max 1	%	IS 3493	Practically Insoluble
Heat stability	800	°C	CPTL/301	-
Resistance acid & alkali	Stable	1-5 Scale	CPTL/301	-
Particle size range 85% within	15-100	µm	EP/1020	Determined on Malvern Analyzer
Light Fastness	8	1-8 Blue Wool Scale	CPTL/301	-

APPLICATION	
Polyolefins,	●
Polystyrene,	●
Polycarbonate,	●
Nylon,	●
EVA, PET, PVC,	●
ABS, PBT,	●
●	Recommended
○	Can be used

STANDARD PACKAGING	
Paper Bags	25 Kgs
Big Bags type	On Request

COLOUR TONE	
	
Particle Size	10-100µm
Features	Semi Transparent

Our product specific end application information are based upon our current knowledge. They are presented without any representation or warranty concerning the suitability, performance or correctness of the product for a particular application or use. Significant variations can occur between test results and results obtained in actual use. We strongly advise that the customer test the product in the specific intended application under conditions expected during use.