technical data sheet

SUSONITY

Technical Datasheet

1.04959 Iriodin® 119 Polar White

Industrial Pigment

CHEMICAL COMPOSITION	%	CAS NO.
Mica	55 - 64	12001-26-2
TiO_2	36 - 44	13463-67-7
SnO_2	0 - 1	18282-10-5

FORM:	Dry, free-flowing powder
PACK SIZES:	250 g, 1 kg, 20 kg
INTERFERENCE COLOR:	Silver White
PARTICLE SIZE DISTRIBUTION: (laser diffraction measurement)	5 - 25 µm (> 80% of particles within range)
DENSITY: (ISO 787-10)	3.0 – 3.2 g/cm^3
BULK DENSITY: (ISO 3923-2)	14 - 18 g/100 ml
OIL ABSORPTION: (ISO 787-5)	65 - 75 g/100 g
HEAT STABILITY:	Stable up to 800°C, non-flammable
WATER SOLUBILITY:	Practically insoluble
pH VALUE: (ISO 787-9)	8 - 11
SHELF LIFE:	10 years
STORAGE CONDITIONS:	Room Temperature
DATE OF ISSUE:	May 2023

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