

Technical Datasheet

## 1.40971 Iriodin<sup>®</sup> 6103 Icy White

Industrial Pigment

CHEMICAL COMPOSITION	%	CAS NO.
Synthetic Mica	68 - 76	12003-38-2
TiO <sub>2</sub>	24 - 31	13463-67-7
SnO <sub>2</sub>	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 - 40 µm (> 80% of particles within range)	
DENSITY: (ISO 787-10)	3.1 – 3.5 g/cm <sup>3</sup>	
BULK DENSITY: (ISO 3923-2)	16 - 23 g/100 ml	
OIL ABSORPTION: (ISO 787-5)	70 - 90 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	
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