

Technical Datasheet

1.40529 Iriodin[®] 7205 Ultra Rutile Platinum Gold Industrial Pigment

CHEMICAL COMPOSITION	%	CAS NO.
Mica	53 - 62	12001-26-2
TiO ₂	37 - 47	13463-67-7
SnO ₂	0 - 1	18282-10-5
FORM:	Dry, free-flowing powder	
PACK SIZES:	250 g, 1 kg, 25 kg	
INTERFERENCE COLOR:	Yellow	
PARTICLE SIZE DISTRIBUTION: (laser diffraction measurement)	10 - 60 µm (> 80% of particles within range)	
DENSITY: (ISO 787-10)	3.0 – 3.2 g/cm ³	
BULK DENSITY: (ISO 3923-2)	23 - 27 g/100 ml	
OIL ABSORPTION: (ISO 787-5)	70 - 80 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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