

Technical Datasheet

## 1.04628 Iriodin<sup>®</sup> 320 Bright Gold Pearl Industrial Pigment

CHEMICAL COMPOSITION	%	CAS NO.
Mica	54 - 64	12001-26-2
TiO <sub>2</sub>	34 - 40	13463-67-7
Fe <sub>2</sub> O <sub>3</sub>	2 - 6	1309-37-1
FORM:	Dry, free-flowing powder	
PACK SIZES:	250 g, 1 kg, 25 kg	
INTERFERENCE COLOR:	Gold	
PARTICLE SIZE DISTRIBUTION: (laser diffraction measurement)	10 - 60 µm (> 80% of particles within range)	
DENSITY: (ISO 787-10)	2.9 – 3.2 g/cm <sup>3</sup>	
BULK DENSITY: (ISO 3923-2)	18 - 22 g/100 ml	
OIL ABSORPTION: (ISO 787-5)	70 - 95 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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