

1.40685 Iriodin[®] 307 Star Gold

Interior Pigment

COMPOSITION calculated as *:	%	CAS NO.
Mica	27 – 49	12001-26-2
TiO ₂	21 – 29	13463-67-7
SiO ₂	16 – 21	7631-86-9
Fe ₂ O ₃	14 – 22	1309-37-1
SnO ₂	0 – 1	18282-10-5

FORM:	Dry, free-flowing powder
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PACK SIZES:	250 g, 1 kg, 25 kg
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POWDER COLOR:	yellow
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INTERFERENCE COLOR:	yellow
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PARTICLE SIZE DISTRIBUTION: (laser diffraction)	10 - 60 µm (> 80% of particles within range)
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PARTICLE SIZE d10 d50 d90 (laser diffraction)	10 – 16 µm 20 – 30 µm 40 – 50 µm
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CONDUCTIVITY (10% AQUEOUS SUSPENSION)	≤ 250 µS/cm
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DENSITY: (ISO 787-10)	2.8 – 3.0 g/cm ³
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BULK DENSITY: (ISO 3923-2)	28 - 32 g/100 ml
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technical data sheet



WATER SOLUBILITY of the pigment:	Practically insoluble
pH: (ISO 787-9)	4.0 – 9.0
HEAT STABILITY	Stable up to 800°C, non-flammable
DATE OF ISSUE:	March 2024

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