

Technical Datasheet

1.04237 Iriodin[®] 522 Red Brown Satin

Industrial Pigment

CHEMICAL COMPOSITION	%	CAS NO.
Mica	44 - 49	12001-26-2
Fe ₂ O ₃	51 - 56	1309-37-1
FORM:	Dry, free-flowing powder	
PACK SIZES:	250 g, 1 kg, 25 kg	
INTERFERENCE COLOR:	Red Brown	
PARTICLE SIZE DISTRIBUTION: (laser diffraction measurement)	5 - 25 µm (> 80% of particles within range)	
DENSITY: (ISO 787-10)	3.4 – 3.6 g/cm ³	
BULK DENSITY: (ISO 3923-2)	19 - 23 g/100 ml	
OIL ABSORPTION: (ISO 787-5)	50 - 60 g/100 g	
HEAT STABILITY:	Stable up to 800°C, non-flammable	
WATER SOLUBILITY:	Practically insoluble	
pH VALUE: (ISO 787-9)	3 - 7	
SHELF LIFE:	10 years	
STORAGE CONDITIONS:	Room Temperature	
DATE OF ISSUE:	October 2025	

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