

Technical Datasheet

1.03558 Iriodin[®] 9507 Scarab Red SW Exterior Pigment

CHEMICAL COMPOSITION:	%	CAS NO.
Fe ₂ O ₃	42 - 60	1309-37-1
Mica	40 - 49	12001-26-2
Auxiliaries	≤ 9	
FORM:	Dry, free-flowing powder	
PACK SIZES:	250 g, 1 kg, 20 kg	
POWDER COLOR:	Red-green	
INTERFERENCE COLOR:	Red-green	
PARTICLE SIZE: (laser diffraction)	5 - 40 μm (> 80% of particles within range)	
PARTICLE SIZE d10	7 - 12 μm	
d50	17 - 23 μm	
d90 (laser diffraction)	35 - 44 μm	
75 μm SIEVE ANALYSIS (clean check/particles) (internal method)	≤ 100 particles	
CONDUCTIVITY (10% AQUEOUS SUSPENSION) (ISO 787-14)	≤ 150 μS/cm	
DENSITY: (ISO 787-10)	3.2 - 3.4 g/cm ³	
BULK DENSITY: (ISO 3923-2)	21 - 25 g/100 ml	
WATER SOLUBILITY:	Practically insoluble	
pH VALUE: (ISO 787-9)	6.0 - 10.0	
HEAT STABILITY:	Stable up to 230°C, non-flammable	

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SHELF LIFE:	10 years
STORAGE CONDITIONS:	Room temperature
DATE OF ISSUE:	April 2023

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