



Specification

1.40543.1000 Iriodin® 9522 Red-Brown Satin SW

	Specification		Method
Assay (Mica)	40.0 - 50.0	%	In-house
Assay (Fe ₂ O ₃)	50.0 - 60.0	%	In-house
pH (10% aqueous suspension)	6.0 - 10.0		ISO 787-9
Conductivity (10% aqueous suspension)	≤ 150	μS/cm	ISO 787-14
Particle Size Distribution (80% within the range 5.0 - 25.0 μm)	conforms		laser diffraction
Particle Size (d10)	4.0 - 8.0	μm	laser diffraction
Particle Size (d50)	9.0 - 13.0	μm	laser diffraction
Particle Size (d90)	18.0 - 24.0	μm	laser diffraction
75 μm Sieve Analysis (Clean Check/Particles)	≤ 100		In-house
Visual and Colorimetric Evaluation	conforms		In-house

Color-Index (Fe₂O₃): C.I.No. 77491

Manufactured and released by Merck Surface Solutions GmbH, 64579 Gernsheim, Deutschland, an affiliate of Merck KGaA, Darmstadt, Germany

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Responsible laboratory manager quality control

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