

Technical Datasheet

1.58217 Colorstream[®] F20-51 SW Lava Red Exterior Pigment

CHEMICAL COMPOSITION:	%	CAS NO.
Fe ₂ O ₃	44 - 56	1309-37-1
SiO ₂	44 - 53	7631-86-9
Auxiliaries	≤ 3	
FORM:	Dry, free-flowing powder	
PACK SIZES:	150 g, 1 kg, 15 kg	
POWDER COLOR:	Red	
INTERFERENCE COLOR:	Red	
PARTICLE SIZE: (laser diffraction)	5 - 40 μm (> 80% of particles within range)	
PARTICLE SIZE		
d10	7 - 11 μm	
d50	17 - 21 μm	
d90	32 - 38 μm	
(laser diffraction)		
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)	2.8 - 3.2 g/cm ³	
BULK DENSITY: (ISO 3923-2)	18 - 24 g/100 ml	
WATER SOLUBILITY:	Practically insoluble	
pH VALUE: (ISO 787-9)	5.0 - 9.0	

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HEAT STABILITY:	Stable up to 230°C, non-flammable
SHELF LIFE:	10 years
STORAGE CONDITIONS:	Room temperature
DATE OF ISSUE:	October 2023

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