

Technical Datasheet

1.40838 Colorstream[®] T10-02 Arctic Fire

Industrial Pigment

CHEMICAL COMPOSITION:	%	CAS NO.
SiO ₂	57 - 68	7631-86-9
TiO ₂	30 - 39	13463-67-7
SnO ₂	2 - 4	18282-10-5
FORM:	Dry, free-flowing powder	
PACK SIZES:	150 g, 1 kg, 15 kg	
INTERFERENCE COLOR:	Turquoise, silver, red	
PARTICLE SIZE DISTRIBUTION: (laser diffraction measurement)	5.0 - 50.0 µm (80 % of particles within range)	
DENSITY: (ISO 787-10)	2.4 – 2.8 g/cm ³	
BULK DENSITY: (ISO 3923-2)	17 - 21 g/100 ml	
OIL ABSORPTION: (ISO 787-5)	70 – 80 g/100 g	
HEAT STABILITY:	Stable up to 800°C, non-flammable	
WATER SOLUBILITY:	Practically insoluble	
pH VALUE: (ISO 787-9)	8 - 12	
SHELF LIFE:	10 years	
STORAGE CONDITIONS:	Room temperature	
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