

Technical Datasheet

1.58114 Pyrisma[®] T81-23 SW Liquid Blue Exterior Pigment

CHEMICAL COMPOSITION:	%	CAS NO.
TiO ₂	48 – 69	13463-67-7
Mica	29 – 40	12001-26-2
SnO ₂	2 – 4	18282-10-5
Auxiliaries	≤ 8	
FORM:	Dry, free-flowing powder	
PACK SIZES:	150 g, 1 kg, 20 kg	
POWDER COLOR:	White	
INTERFERENCE COLOR:	Blue	
PARTICLE SIZE: (laser diffraction)	< 15 μm (> 80% of particles within range)	
PARTICLE SIZE d10	3 – 7 μm	
d50	7 – 11 μm	
d90 (laser diffraction)	14 – 20 μm	
75 μm SIEVE ANALYSIS (clean check/particles) (internal method)	≤ 100 particles	
CONDUCTIVITY (10% AQUEOUS SUSPENSION) (ISO 787-14)	≤ 100 μS/cm	
DENSITY: (ISO 787-10)	3.2 – 3.5 g/cm ³	
BULK DENSITY: (ISO 3923-2)	30 – 34 g/100 ml	
WATER SOLUBILITY:	Practically insoluble	
pH VALUE: (ISO 787-9)	8.5 – 11.5	

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HEAT STABILITY:	Stable up to 200°C, non-flammable
SHELF LIFE:	10 years
STORAGE CONDITIONS:	Room temperature
DATE OF ISSUE:	April 2023

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