

Tinox Fepure Yellow 910

TINOX Fepure yellow 910 strong weatherability (Lightfastness, heat-resistant and alkali resistant).
Strong tinting power, excellent coverage and fine dispersion and reduce dosage

Description

Type	Yellow pigment
Delivery form	Powder
Chemical class	Synthetic iron hydroxide α -FeOOH
Colour Index	Pigment yellow 42 (77492)
CAS No.	51274-00-1

Applications

- 1). Coatings
- 2). Paint, ink

Product specification

Binder:	Full shade		Test method
Test paste based on a non drying alkyd resin			No.001.2001-01-01
ΔL^*	-0.6	0.6	
Δa^*	-0.6	0.6	
Δb^*	-0.6	0.6	
ΔE_{ab}^*		0.8	

Product specification

Technical Data	min	max	Test method
Water-soluble content %		0.5	DIN ISO787 Part 3
Sieve residue (0.045mm sieve) %		0.1	DIN 53195
PH Value	3.5	7.5	DIN ISO787 Part 9
Fe ₂ O ₃	86		DIN55913 Sheet 2
Loss on ignition at 1000°C/0.5h %		14.0	DIN55913 Sheet 2
Moisture content %		1.0	
Particle Shape		Acicular	Electron micrographs
Predominant particle size (µm)		0.1 x 0.8	Electron micrographs
Oil absorption (g/100g)	~	35	DIN ISO787 Part 5
Tamped density (g/ml)	~	0.6	DIN ISO787 Part 11
Density (g/ml)	~	4.0	DIN ISO787 Part 10

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