

Technical Data Sheet

125 Yellow Iron Oxide



Introduction:

Yellow Iron Oxide Pigment

CAS No: 20344-49-4

Uses:

125 Yellow Iron Oxide is used in the paint and rubber industries to give a distinct yellow colour.

125 Yellow Iron Oxide complies with EN12878:2005

Typical Characteristics:

Composition				
	Substance	% Min Weight	% Max Weight	Test Method
	Fe ₂ O ₃	81	---	XRF
	SiO ₂	0.1	---	XRF
	Al ₂ O ₃	0.05	---	XRF
	Moisture	0	0.6	ISO 787/2
Properties				
	Description	Unit	Value	Test Method
	pH	---	3.5-8	ISO 787/9
	Particle Size	Sieve Reside + 63µ	Max 0.5	ISO 787/7
	Colour Difference	DE	1.0 max	CIElab
	Tinting Strength	%	95 – 105	
	Water Soluble Salts	%	0.35	
	+325 Mesh Retention	%	0.35	
	Soluble Chloride	%	0.005	
	Total Chloride	%	0.007	

Packaging:

Large Quantities:

30 x 20-kilo multi-ply paper bags on strong wooden pallet. (600 kg pallets)

Small Quantities:

Over slipped with strong multiwall paper sacks

Shelf Life:

If stored in dry conditions, out of direct sunlight and avoidant of extreme temperatures, product performance should be unimpaired for 5 years.

Health & Safety:

Detailed advice on the Health & Safety aspects of this product is given in the individual product Safety Data Sheet (SDS), available upon request.