

# 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:

<b>Composition</b>				
	<b>Substance</b>	<b>% Min Weight</b>	<b>% Max Weight</b>	<b>Test Method</b>
	Fe <sub>2</sub> O <sub>3</sub>	81	---	XRF
	SiO <sub>2</sub>	0.1	---	XRF
	Al <sub>2</sub> O <sub>3</sub>	0.05	---	XRF
	Moisture	0	0.6	ISO 787/2
<b>Properties</b>				
	<b>Description</b>	<b>Unit</b>	<b>Value</b>	<b>Test Method</b>
	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.