

TECHNICAL DATA

Edition of: 2009-01-01

Trade name	Iron oxide yellow
Type	311
Chemical name	Synthetic -FeOOH
Delivery form	Powder
Colour index	Pigment yellow 42 (77492)
CAS No./EC No.	20344-49-4/ 243-746-4
Sales packing	In 25kg paper bag/600kg (or 500kg) bulk bag then palletized
Transport/Storage	Protect against weathering / Store in a dry place
Safety	The product is not classified as dangerous under 67/584/EEC

Specifications

Properties	Unit	Specification	Test method
Contents (Fe as Fe ₂ O ₃)	%	86.0 min	ISO1248
Oil absorption	ml/100g	25~35	ISO787-5
Res. on 325 mesh	%	0.3 max	ISO787-7
Water soluble salts	%	0.3 max	ISO787-3
Moisture	%	1.0 max	ISO787-2
pH value		3~7	ISO787-9
Bulk density	g/cm ³	0.4~0.6	ISO787-11
Specific gravity	g/cm ³	4.1	ISO787-10
Tinting Strength (Compared with Standard)	%	95~105	ISO787-24
Color Difference ΔE (Compared with Standard)		1.0 max	ISO787-1