



## Technical Data sheet

Revision Date : 05/2016 Rev No.: 1

Chemical Name           Zinc Ferrite Yellow  
C.I.NO.                    77496  
CAS NO.                 68187-51-9  
Model No.                JF-Y11901  
Main composition        Zn-Fe  
Color Reference         Mass Tone  
                              Tint Tone    1:4



### Regulations

EU RoHS Directive 2011/65/EU	Compliant
EN71Part 3:1994 (A1:2000/AC2002)	Compliant
US FDA 21 CFR 177.1520	Compliant
ASTM F963-08 (Clause 4.3.5)	Compliant

### Physical Properties

### Fastness Properties

Appearance	reddish yellow powder	Temperature resistance (°C)	800
Mean particle size    μm	1.7	Light fastness (grade 1-8)	8
105°C Volatile	0.50%	Weather fastness (grade 1-5)	5
Water soluble salt	0.50%	Acid Resistance (grade 1-5)	5
Oil Absorption   g/100g	18-27	Alkali Resistance (grade 1-5)	5
PH Value	6-9	Density g/cm <sup>3</sup>	4.0-5.0

### Suggested Application

1) Paints,coatings: PVDF coatings,Exterior coating,industrial coating ,aerospace and marine coatings , automotive coating,decorative coating; powder coating ,oily paint ,water-based paint ;light-resistance paint,weather-resistance paint, high-temperature paint...etc.

2) Plastic: PVC, engineering plastic, masterbatch...etc.

3) Inks : Colored inks ,watermark inks,concave-convex inks...etc.

4) Building material:Colored sand ,concrete...etc.