



Technical Data sheet **Revision Date : 03/2017** **Rev No.:1**

Chemical Name	Bismuth Vanadium Oxide	
Color Index	C I Pigment Yellow 184	
C.I . No.	771740	
CAS No.	14059-33-7	
Chemical Composition	BiVO4	
Model No.	JF-B18401	
Color Reference	Mass Tone	
	Tint Tone 1:9	

Regulations

EU RoHS Directive 2011/65/EU	Compliant
EN71Part 3:1994 (A1:2000/AC2002)	Compliant
REACH	Compliant

Physical Properties

Fastness Properties

Appearance	opaque greenish yellow powder	Heat resistance (°C) ≥	240°C
Specific Gravity	6.7	Light fastness (grade 1-8)	7-8
Dispersibility	5	Weather fastness (grade 1-5)	4-5
Specific Surface m2/g	8.2	Acid Resistance (grade 1-5)	4-5
Oil Absorption	38	Alkali Resistance (grade 1-5)	5
PH Value	8		

Can be used to replace greenish version of chrome yellow to produce lead free formulations.And hiding power better than chrome yellow.

Suggested Application

1) Paints,coatings: Automotive coatings, Decorative coatings, Industrial coatings, Powder coatings , PVDF coatings,,water-based paint ;light-resistance paint,weather-resistance paint, Uv coating,high-temperature paint...etc.

2) Plastic: PE,PVC, PP,ABS,PMMA,engineering plastic,masterbatch...etc.