

43918 Bismuth Vanadate Yellow, medium

Color Index: Pigment Yellow 184

Bismuth vanadate yellow is an inorganic pigment with greenish yellow hue. It is very pure, opaque, light and weather resistant.

Bismuth vanadate yellow enables a formulation of lead-free hues, as well as greenish - in connection with white, black and phthalocyanine blue - orange or reddish - in connection with organic pigments - hues. Hues made of these blends are very opaque. When same pigmentation is used, it is more opaque than lead chromate.

Colorimetric Data	L*	a*	b*
Masstone	80.0	11.6	76.5 (Alkyd/Melamine)
1 : 10 TiO ₂	93.6	-1.4	30.8 (Alkyd/Melamine)

Pigment Data:

Density	4.8 g/cm ³
Bulk density	0.7 kg/l
Tamped density	1.6 kg/l
Oil absorption	16 g/100 g
Specific surface	4.6 m ² /g
pH Value	6 – 9
Sieve residue, 44 µm (325 mesh)	< 0.1 %

Fastness Properties:

Acid resistance	5
Alkali resistance	5
Light fastness	8
Weather fastness	4 – 5
Solvent resistance	5
Heat resistance	> 200°C

Applications:

Alkyd gloss paints, alkyd emulsions, polystyrene, epoxy lacquers, baking finishes, HD-Polyethylene/Polypropylene, emulsion paints, nitro lacquers, polyurethane, flexible PVC, rigid PVC.