

43915 Bismuth Vanadate Yellow, light

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	87.3	-0.2	86.7 (Alkyd/Melamine)
1 : 10 TiO ₂	93.8	-6.5	33.6 (Alkyd/Melamine)

Pigment Data:

Density	5.7 g/cm ³
Bulk density	0.6 kg/l
Tamped density	1.5 kg/l
Oil absorption	19 g/100 g
Specific surface	7.9 m ² /g
pH Value	6 – 8
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.