



Bismuth Vanadate Pigments for Plastics

See The Difference We Make

Bismuth Vanadate

PY.184

Yellow 2GLMA, Yellow 2GTA, Yellow 3GMX-SI

- High color strength
- High heat stability
- Exceptional hiding
- Excellent dispersibility –Fiber grade 3GMX-SI
- Predominantly used in polyolefin applications

Yellow 2GTI, Yellow 2GTM & Yellow 2GTS

- Medium color strength
- Outstanding heat stability
- Especially designed for use in Engineering resins predominantly Nylon



Plastic Applications

- Blow Molding ●
- Engineering Resins ●
- Fibers Polypropylene ●
- Injection Molding ●
- PVC ●

RECOMMENDATIONS: ● Frequently Used ● Limited Use ○ Not Normally Used

ISO 9001
ISO 14001

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Bismuth Vanadate

Pigment Yellow 184

CHEMICAL CLASS

Bismuth Vanadate

C.A.S. # 14059-33-7

Constitution No. 771740



Product Overview

These bright yellow, highly saturated pigments are characterized by their outstanding opacity/hiding power, chemical resistance, excellent weathering, durability, dispersibility and heat stability. Their heat resistance makes them suitable for high-temperature plastics applications.

Our core products for polyolefins are:

- Yellow 2GLMA - Key product for Polyolefin's
- Yellow 2GTA – Higher heat stability compared to 2GLMA
- Yellow 3GMX-SI – Best dispersibility suitable for fiber

Our core products for Engineered Plastics are:

- Yellow 2GTI – Boric Acid free
- Yellow 2GTM – Contains Boric acid
- Yellow 2GTS – Higher colour strength compared to 2GTM, contains Boric acid

Product Details

	Application Area			Heat stability FS		Colour strength [%], Std = 2GTM	Weatherfastness
	PVC	Polyolefines	Engineering Plastics	HDPE	PA		
3GMX-SI	+	+(Fiber)	--	260	--	260	Excellent
2GLMA	+	+	--	275°C	--	180	Excellent
2GTA	+	+	--	285°C	--	175	Excellent
2GTI	+/-	+/-	+	300°C	>320°C	100	Excellent
2GTM	+/-	+/-	+	290°C	>320°C	100	Excellent
2GTS	+/-	+/-	+	285°C	>320°C	120	Excellent

Regulatory

The DCL Bismuth Vanadate products, PY. 184 are boric acid free pigments (with the exception of 2GTM and 2GTS which contain boric acid in amounts ranging from 10% to 15%). They have been registered according to the REACH regulation and are on the following chemical inventories: U.S. TSCA, EU, Japan, Australia, Korea, China, Canada, Philippines, New Zealand and Taiwan.

For more information on BV pigments, please contact sales@pigments.com or request a free sample online.



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