

Bismuth Vanadate



The best coatings are made with the best pigments

Pigment Yellow 184

Bismuth Vanadate

DCC Yellow 14247
DCC Yellow 2GLMA
DCC Yellow 2GTA
DCC Yellow 3GLM
DCC Yellow 3GMX
DCC Yellow 4GMX

DCC Yellow 2093
DCC Yellow 2094
DCC Yellow 2095
DCC Yellow 2096
DCC Yellow 2097
DCC Yellow 3RLM
DCC Yellow 5RLM

coatings



Dominion Colour Corporation

Working Together for Quality™

ISO 9001
ISO 14001

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Bismuth Vanadate Pigment Yellow 184

CHEMICAL CLASS

Bismuth Vanadate CAS 14059-33-7 EC 237-898-0

PRODUCT OVERVIEW

DCC Yellow Bismuth Vanadate Pigments for Coatings are unsurpassed in providing highly saturated, bright yellow shades with outstanding opacity, chemical resistance, excellent weathering and durability across the colour gamut from pale tints to masstone.

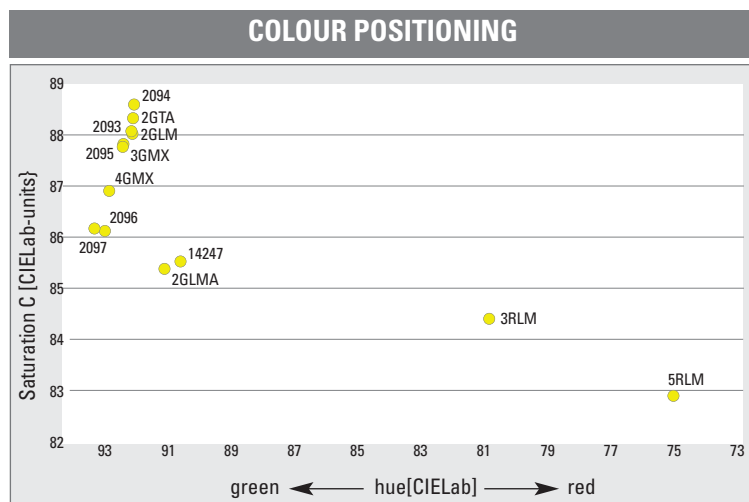
For Architectural Paints: as a machine tinting colourant or as a base colour, DCC Yellow 2093 and DCC Yellow 2094 has been used successfully over many years for their weathering and durability properties. DCC Yellow 2GTA performs exceptionally well in coatings for silicate plasters and stucco where high alkaline resistance is a must. This range has now been extended to include a new generation of zinc free, and very cost effective, pigments: DCC Yellow 2097, DCC Yellow 2095 and DCC Yellow 4GMX. The DCC Yellow 2095 and DCC Yellow 4GMX grades demonstrate extra high colour strength and are easy dispersing, without compromising on weathering or other fastness properties.

For Automotive, Coil and Other High Performance Paints: DCC Yellow 2GLMA, DCC Yellow 2GTA, DCC Yellow 3GLM and DCC Yellow 14247 are the standard references for both solvent and waterborne systems. Each grade is well-suited for saturated yellow shade applications in which durability and opacity are important.

For Powder Coating: DCC Yellow 2093 is now complemented with zinc free, cost effective DCC Yellow 2096.

For General Industrial Paints: DCC Yellow 2GLMA, DCC Yellow 2093 and DCC Yellow 2094 are in wide use due to their superior covering power and durability. The new generation of zinc free DCC Yellow 3GMX, DCC Yellow

4GMX and DCC Yellow 2097 provide the best solution for coatings that need to be full-hiding at the industry's applied film thickness. For this reason, they are highly recommended as lead chromate replacements alongside the redder shade yellow DCC Yellow 3RLM (lemon shade yellow) and DCC Yellow 5RLM (medium shade yellow).



PRODUCT APPLICATION

PAINTS	14247	2GLMA	3GLM	2093	2094	2095	2096	2097	2GTA	3RLM	5RLM	3GMX	4GMX
DCC YELLOW													
Architectural Water & Universal	■	■	■	■	■	■	■	■	■	■	■	□	■
Architectural Solvent	■	■	■	■	■	■	■	■	■	■	■	□	■
Industrial Fast Air Dying	■	■	■	■	■	■	■	■	■	■	■	□	■
Industrial Oven Cured	■	■	■	■	■	■	■	■	■	■	■	□	■
Coil Coatings	■	■	□	■	■	■	■	■	■	■	■	□	■
Automotive Coatings	■	■	□	■	■	■	■	■	■	■	■	□	■
Powder Coatings	□	■	□	■	■	■	■	■	■	■	■	■	■

PERFORMANCE DATA

DCC YELLOW	14247	2GLMA	3GLM	2093	2094	2095	2096	2097	2GTA	3RLM	5RLM	3GMX	4GMX
Weatherfastness													
• Masstone	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5	4-5
• Tint	5	5	5	5	5	5	5	5	5	5	5	5	5
Heat Resistance:	200°C	200°C	200°C	200°C	200°C	200°C	200°C	200°C	200°C	200°C	200°C	200°C	200°C
Resistance Properties													
• Acid Resistance	VG-E	VG-E	VG-E	VG-E	VG-E	VG-E	VG-E	VG-E	G	VG-E	VG-E	VG-E	VG-E
• Alkali Resistance	E	E	E	E	E	E	E	E	E	E	E	E	E
• Soap	E	E	E	E	E	E	E	E	E	E	E	E	E
• Organic Solvents	E	E	E	E	E	E	E	E	E	E	E	E	E

LEGEND: E - Excellent VG - Very Good G - Good F - Fair P - Poor **RECOMMENDATIONS:** ■ Frequently Used □ Limited Use □ Not Normally Used
WEATHERFASTNESS: 1 - Severe Change In Shade 5 - No Change In Shade

The information in this handout is based on extensive testing and application experience and is believed to be a reliable indication of the results that may be expected. However, the data does not constitute a specification for the products, and is offered only as a guide to performance without guarantee or warranty of any kind. Because of the difficulties of modern colour reproduction, the shades may vary slightly from the final colour application. Since many variables have a strong influence on pigment performance, the users are encouraged to test each product in their own laboratory prior to use.



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