2GTAA/3GMXA/RMXA
Bismuth Vanadate PY.184
Pigment Yellow 184

Global benchmark for alkaline resistant Bismuth Vanadate Pigments

2GTAA: The fail-safe, extremely resistant grade for the most sensitive applications

3GMXA: Greenest shade & most cost-effective grade (best value in use) with exceptionally high color strength

RMXA: The medium shade PY.184 yellow with excellent alkali stability

Coatings
- Architectural Water & Universal
- Architectural Solvent
- Industrial Fast Air Drying
- Industrial Oven Cured
- Coil Coating
- Automotive Coatings
- Powder Coatings

Plastics
- Fibers - Polypropylene
- Film
- Blow Molding
- Injection Molding
- PVC Wire and Cable
- Engineering Resins

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

DCL Pigments for Coatings/Plastics
See The Difference We Make

pigments.com
sales@pigments.com
**2GTAA/3GMXA/RMXA**

Bismuth Vanadate PY.184
Pigment Yellow 184

**CHEMICAL CLASS**
Bismuth Vanadate
C.A.S. # 14059-33-7
EC # 237-898-0
Constitution # 771740

**Product Overview**
DCL’s Bismuth Vanadate (BV) Yellow’s are the market leaders in architectural coatings due to their superior alkali stability versus other conventional and competitive grades. The first generation product, 2GTA performs exceptionally well in coatings for silicate plasters and stucco where high alkali resistance is essential. With this new generation of products, 3GMXA, 2GTAA & RMXA, we are witnessing a giant leap forward in performance in high PVC systems resulting in high color strength, bright chromatic shades, excellent hiding power and durability. DCL’s range has now been extended to include a new medium shade pure BV pigment that allows our customers to cover a much larger range within the yellow color space.

**Regulatory**
- RMXA, 2GTAA and 3GMXA are boric acid free BV pigments that are not FDA approved for food contact applications. 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.

**Key Benefits**
- Most technologically advanced alkaline stable BV
- Yellows for the architectural coatings market.
- Expanded shade range - Bright green to medium shade BV yellows.
- Very high chroma, color strength and opacity compared to conventional BV’s in Silicate/siloxane coatings & open (high PVC) systems.

![DCL Logo]

**Shade Indicator**

<table>
<thead>
<tr>
<th></th>
<th>Greener</th>
<th>Redder</th>
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<tbody>
<tr>
<td>2GTA</td>
<td>3GMXA</td>
<td>2GTAA</td>
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<table>
<thead>
<tr>
<th>Color Strength in a Universal Colorant System</th>
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<tbody>
<tr>
<td>Strength loss after 1 hour exposure to alkali</td>
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<tr>
<td>Conventional BV</td>
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<tr>
<td>2GTA</td>
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<tr>
<td>RMXA</td>
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<tr>
<td>3GMXA</td>
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<tr>
<td>2GTAA</td>
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**High PVC Exterior Emulsion Paint Application**

<table>
<thead>
<tr>
<th>Resistant &amp; Weatherfastness Properties</th>
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<tbody>
<tr>
<td>Weatherfastness after 2000 hrs Exposure Masstone Tint</td>
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<td>4 - 5</td>
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<td>5</td>
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</tbody>
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<table>
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<tr>
<th>Heat Stability in alkyd melamine coatings: Acid Resistance Alkali Resistance</th>
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<tbody>
<tr>
<td>200°C</td>
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<tr>
<td>4</td>
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<td>5</td>
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**Legend:**
1 - Poor   2 - Fair   3 - Good   4 - Very Good   5 - Excellent
WEATHERFASTNESS: 1 - Severe Change In Shade   5 - No Change In Shade

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