



See The Difference We Make

# GemSperse Yellow EX154

**Description: Surfactant and Water Based Dispersion of Yellow 154**

<b>Chemical Type</b>	Benzimidazolone Yellow	<b>Constitution No.</b>	11781
<b>Color Index</b>	Pigment Yellow 154	<b>CAS No.</b>	68134-22-5

## Resistance Properties

<b>MEK</b>	4	<b>Ethanol</b>	4
<b>Water</b>	5	<b>Ethyl Acetate</b>	5
<b>Mineral Spirits</b>	5	<b>Acid</b>	5
<b>Xylene</b>	4	<b>Alkali</b>	5

Legend: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

## Product Characteristics

<b>Heat Stability (°C/°F)</b>	160°C	<b>Weatherfastness (1-5): Masstone</b>
<b>Lightfastness (1-8): Masstone</b>	8	<b>Weatherfastness (1-5): Tint 1:10</b>
<b>Lightfastness (1-8): Tint 1:10</b>	8	

Weatherfastness: 1=Poor, 2=Fair, 3=Good, 4=Very Good, 5=Excellent

Lightfastness: 1-2=Poor, 3-4=Fair, 5=Good, 6-7=VG, 8=Excellent

## Physical Properties

<b>Fineness of Grind (µm)</b>	<10	<b>Specific Gravity</b>	1 - 1.2
<b>Volatile Organic Content (ppm)</b>	<700	<b>Viscosity (cP)</b>	1200 - 3000
<b>pH</b>	8 - 9.5	<b>Pigment Content (%)</b>	30

## Applications

Plastics	Coatings	Inks	Other
PVC <input type="checkbox"/>	<b>Decorative</b> <input checked="" type="checkbox"/>	<b>Water Flexo</b> <input checked="" type="checkbox"/>	<b>Paper</b> <input type="checkbox"/>
PE <input type="checkbox"/>	<b>Automotive/Aerospace</b> <input checked="" type="checkbox"/>	<b>Solvent Flexo</b> <input type="checkbox"/>	<b>Rubber Latex</b> <input checked="" type="checkbox"/>
PP <input type="checkbox"/>	<b>Industrial</b> <input checked="" type="checkbox"/>	<b>InkJet</b> <input checked="" type="checkbox"/>	<b>Finger Paints</b> <input type="checkbox"/>
PS <input type="checkbox"/>	<b>Powder</b> <input type="checkbox"/>	<b>UV</b> <input checked="" type="checkbox"/>	<b>Seed Coatings</b> <input checked="" type="checkbox"/>
PET <input type="checkbox"/>		<b>Offset</b> <input checked="" type="checkbox"/>	

Not Frequently Used     Limited     Recommended

**Comments: A bright mid to green shade Benzimidazolone yellow with excellent all-round properties, even in pale reductions.**

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