

## Gafast Pigment Yellow 138 - OP

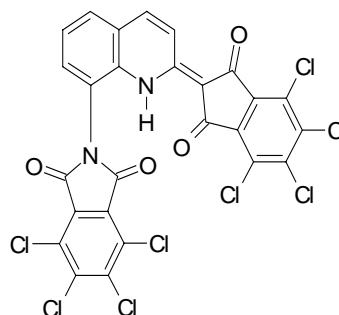
Chemical Class : Quinophthalone

Chemical Structure:

C.I.Name : Pigment Yellow 138

C.I. No. : 56300

Greenish Yellow pigment with good hiding power, good rheological properties & with good weather fastness. Suitable mainly for Automotive OEM Coatings & refinishes, high performance coatings and Industrial applications.



Full shade

### Product Specification:

Physical Data:

Physical form

Powder

Specific Surface Area (BET), (m<sup>2</sup>/g)

13 – 16

Average Particle size, (μm)

≅ 0.243

oil absorption value(g/100g)

37 – 39

PH of 10% extract

6.5 - 7.0



Reduction  
1:16 TiO<sub>2</sub>

### Resistance to Solvents:

Water	5
Mineral Turpentine oil	5
n-Butanol	5
Butyl I Cellosolve	5
Xylene	3 - 4
Toluene	3 - 4
Butyl acetate	4 - 5

### Weather fastness:

	Full shade	Reduction
Alkyd/melamine	4 - 5	4
Acrylic/melamine	4 - 5	4
Air-drying Alkyd	4 - 5	4 - 5

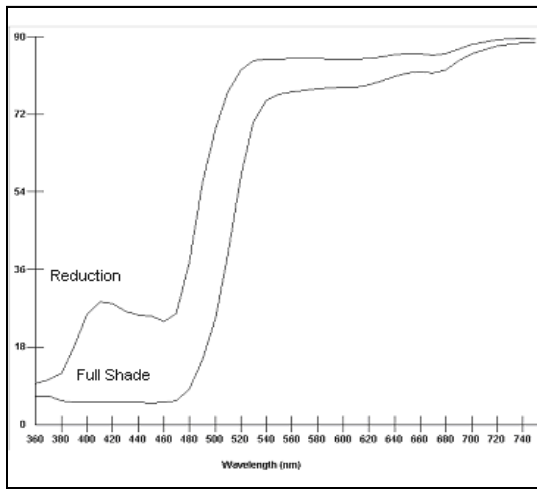
### Fastness to Over coating:

5

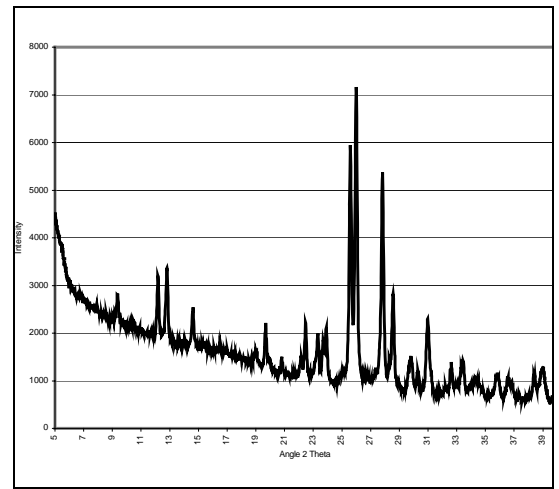
Gafast Pigment Yellow 138 OP Continued

Suitability For: (+ = Suitable)

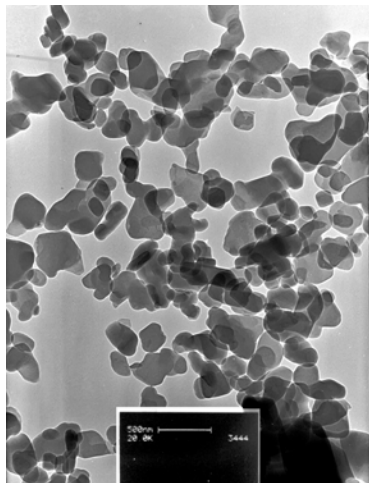
- Water borne system +
- Baking system +
- Acrylic-isocyanate system +
- Air drying system +



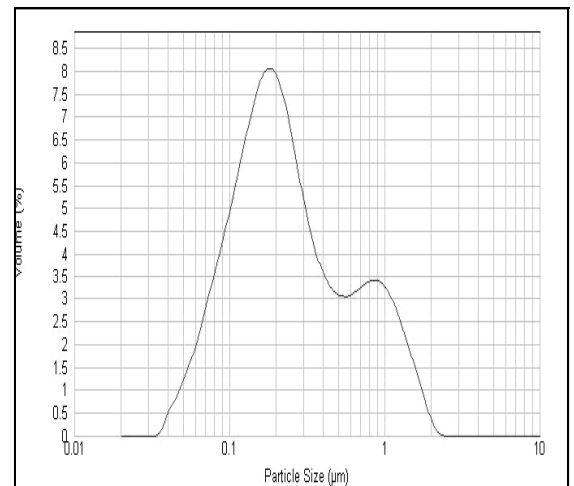
**Reflectance Curve (Stoving Paint)**  
Full shade (5%) & Reduction (1:16)



**X-ray Diffractogram**



**Transmission Electron Micrograph (TEM)**



**Particle Size Distribution**

**Note:**

Information given in this technical data sheet is based on current knowledge and our laboratory evaluation; it is presented as our opinion without any guarantee. Buyers must carry out their own tests and experiments to determine the suitability and completeness of our products for their use and application.