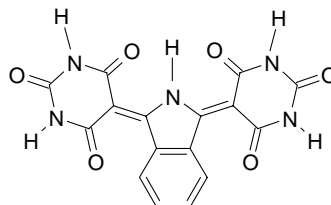


Gafast Pigment Yellow 139

Chemical Class : Isoindoline
 C.I.Name : PigmentYellow139
 C.I. No. 56298

Chemical Structure:



Reddish yellow pigment with good colour strength & Excellent hiding power and weather fastness. Mainly suitable coatings, plastics and packaging inks.



Full Shade

Product Specification

Physical Data:

Physical form	Powder
Specific Surface Area (BET), (m ² /g)	15
Average Particle size, (µm)	≅ 0.178
Oil Absorption Value, (g/100g)	60
pH of 10% extract	6-7



Reduction
1:16 TiO₂

Resistance to Solvents:

Water	5
Mineral Turpentine oil	5
n-Butanol	5
Xylene	4 - 5
Butyl Acetate	5
MEK	4 - 5

Heat Stability: 250°C

Weather fastness:

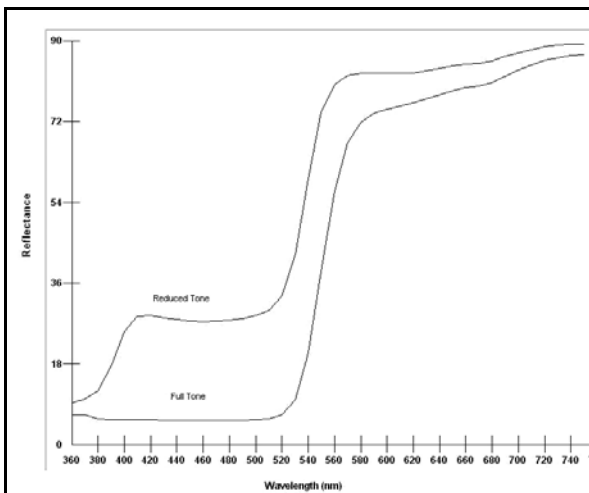
	Full shade	Reduction
Alkyd/melamine	5	4 - 5
Acrylic/melamine	5	4 - 5
Air-drying Alkyd	5	4 - 5

Fastness to Over coating: 5

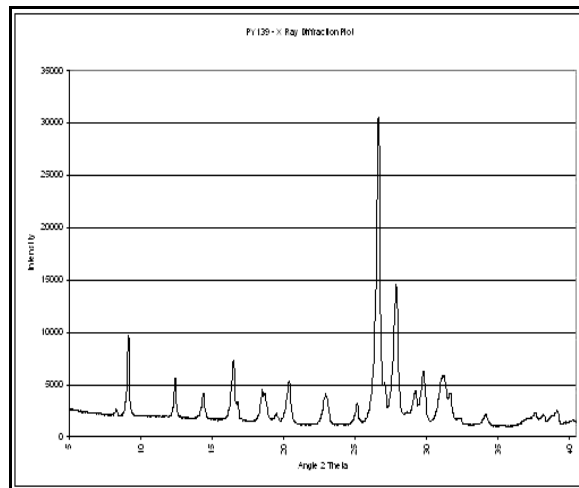
Gafast Pigment Yellow 139 Continued

Suitability For: (+ = Suitable, 0 = Not Suitable)

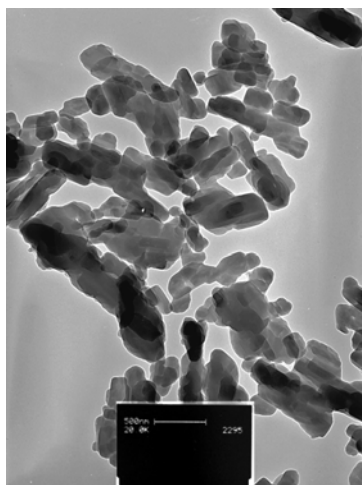
Baking system	+
Acrylic-isocyanate system	+
Acid curing systems	+
Amine curing systems	+
Air drying systems	+



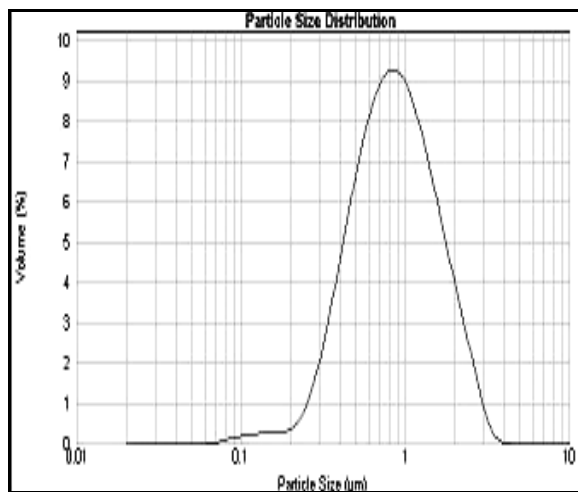
Reflectance Curve (Stoving Paint)
Full shade (5%) & Reduction (1:16)



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.