

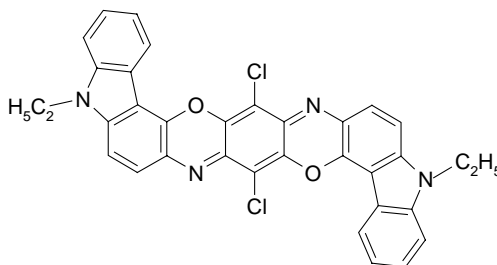
Gafast Pigment Violet 23 GP

Chemical Class : Dioxazine Chemical Structure:

C.I.Name : Pigment Violet 23

C.I. No. : 51319

Reddish Violet pigment with high tinctorial strength. Excellent dispersibility & very good fastness properties. Mainly suitable for Paint application.



Full Shade

Product specification:

Physical Data:

Physical form

Powder

Specific Surface Area (BET), (m²/g)

90 – 95

Average Particle size, (μm)

≅ 0.128

Oil Absorption Value, (g/100g)

50 – 55

pH of 10% extract

5.5 – 8.0



1:17 TiO₂

1/3 Standard depth of shade

Resistance to Solvents:

Water	5
Ethyl Cellosolve	5
Mineral Turpentine oil	5
n-Butanol	5
Xylene	3-4
Toluene	4-5
DOP	3-4



1:180 TiO₂

1/25 Standard depth of Shade

Heat Stability: 200 -220°C

Weather fastness:

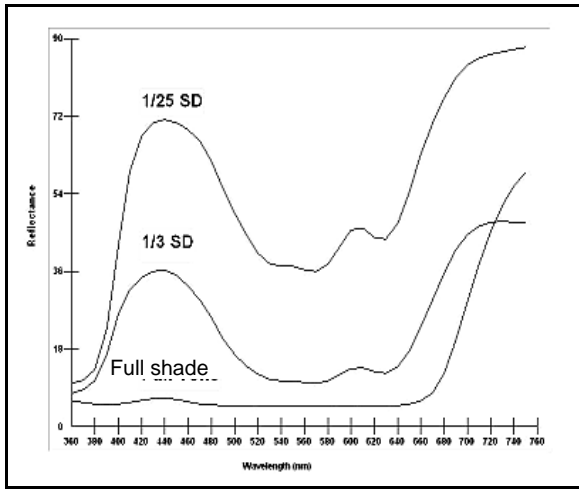
	Full shade	1/3 SD	1/25 SD
Alkyd/melamine	4 - 5	4	4 - 5
Acrylic/melamine	4 - 5	4 - 5	4 - 5
Air-drying Alkyd	4 - 5	4 - 5	4 - 5

Fastness to Over coating: 5

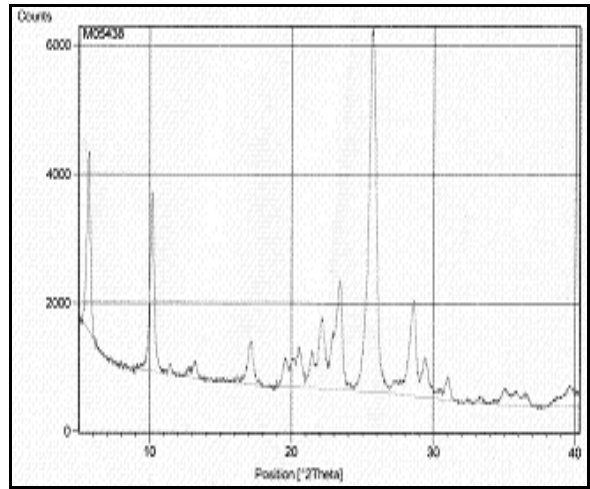
Gafast Pigment Violet 23GP Continued

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

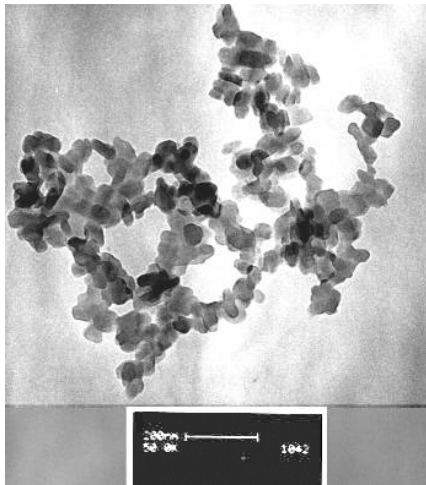
Baking system	+
Acrylic-isocyanate system	+
Acid curing systems	0
Amine curing systems	0
Air drying systems	+



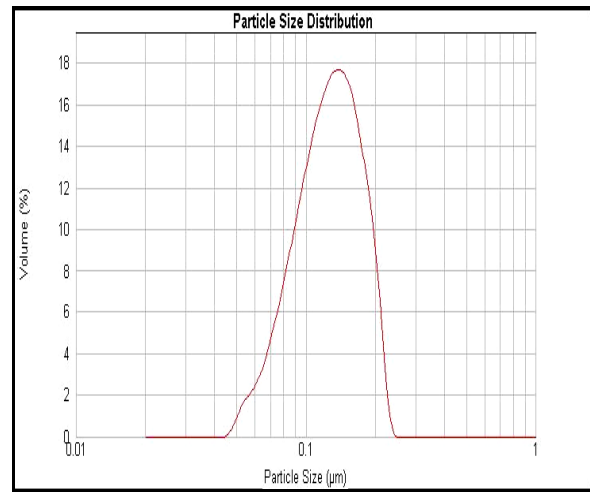
Reflectance Curve (Stoving Paint)
1/3 SD [1:17 TiO₂] & 1/25 SD [1:180 TiO₂]



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.