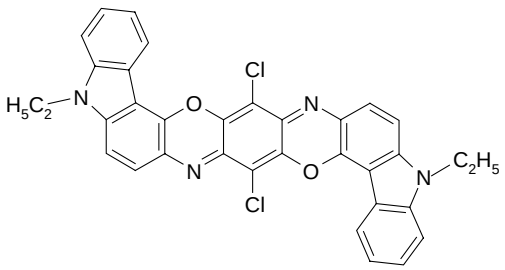
Gafast Pigment Violet 23 GP

Chemical Class : Dioxazine

C.I.Name : Pigment Violet 23

C.I. No. : 51319

Chemical Structure:



Full Shade

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

Product specification:

Physical Data:	
Physical form	Powder
Specific Surface Area (BET), (m^2/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 TiO_2
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 TiO_2
1/25 Standard depth of Shade

Heat Stability: 200 -220°C

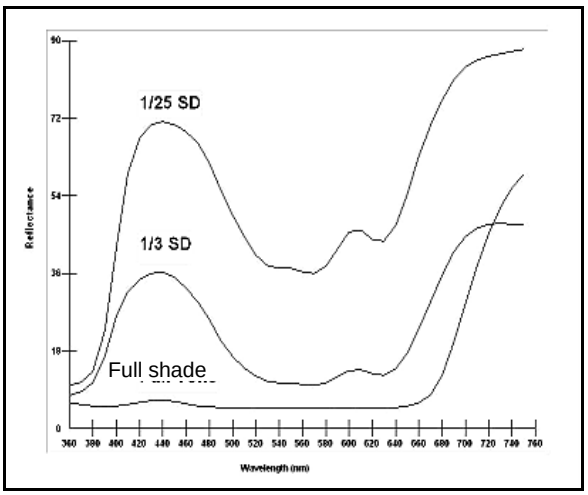
Weather fastness:

	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

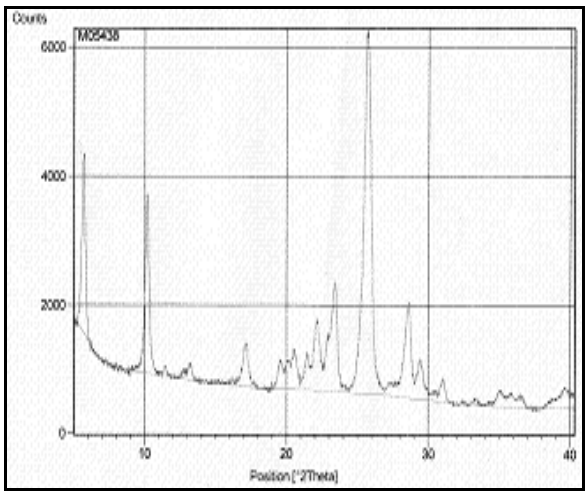
Fastness to Over coating: 5

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

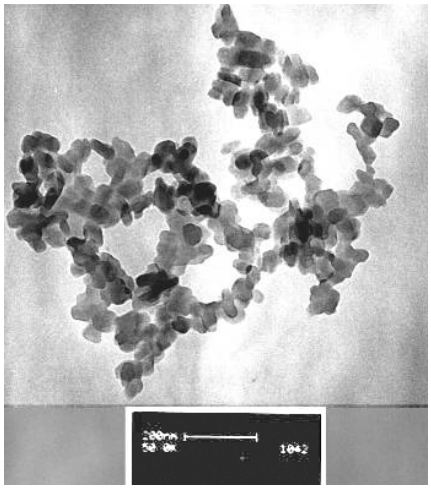
Baking system	+
Acrylic-isocyanate system	+
Acid curing systems	0
Amine curing systems	0
Air drying systems	+



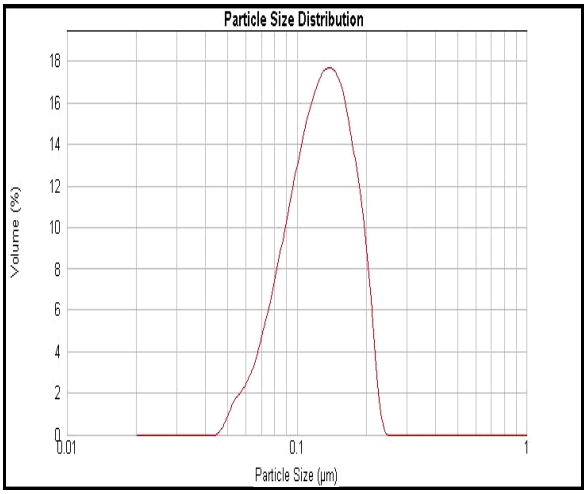
Reflectance Curve (Stoving Paint)
1/3 SD [1:17 TiO_2] & 1/25 SD [1:180 TiO_2]



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.