

Gafast Pigment Red 254 - 222

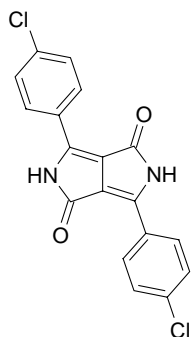
Chemical Class : Diketopyrrolopyrrole

Chemical Structure:

C.I.Name : Pigment Red 254

C.I. No. : 56110

Semi transparent medium red shade pigment with high tinctorial Strength and good fastness to light, weathering & solvents and good heat stability. Suitable mainly for Decorative and Industrial finishes, Water based systems and Plastics.



Full Shade

Product Specification:

Physical Data:

Physical form

Powder

Specific Surface Area (BET), (m²/g)

22 – 24

Average Particle size, (µm)

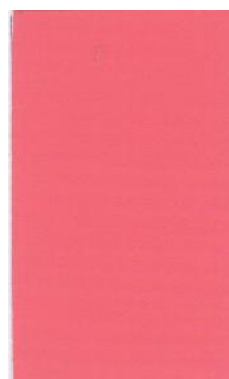
≅ 0.40

Oil Absorption Value, (g/100g)

42 - 46

pH of 10% extract

6.5 – 7.5



Reduction
1:16 TiO₂

Resistance to Solvents:

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

Heat Stability: 240°C

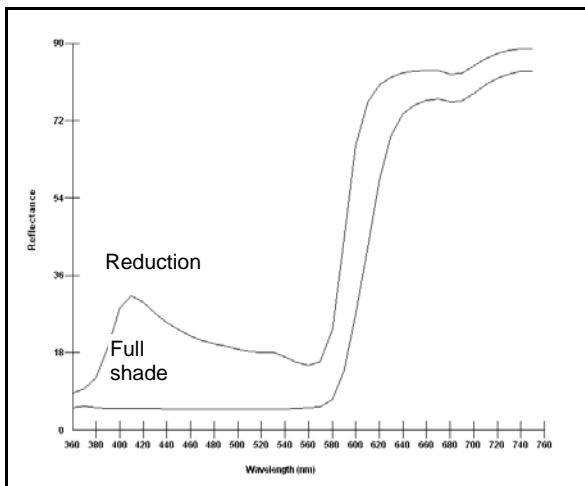
Weather fastness:

	Full shade	Reduction
Alkyd/melamine	4	4 - 5
Acrylic/melamine	4	4 - 5
Air-drying Alkyd	4	4 - 5
<u>Fastness to Over coating:</u>		5

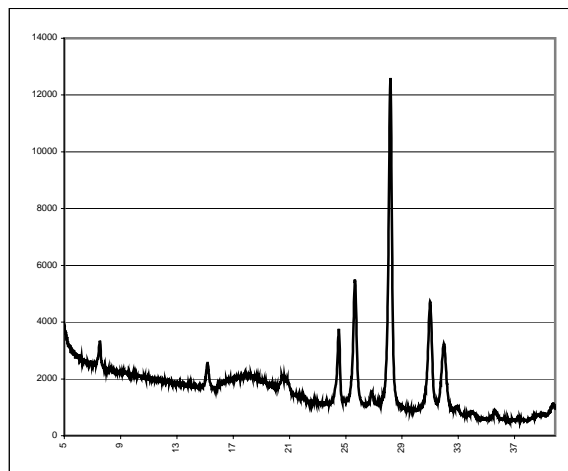
Gafast Pigment Red 254 – 222Continued

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

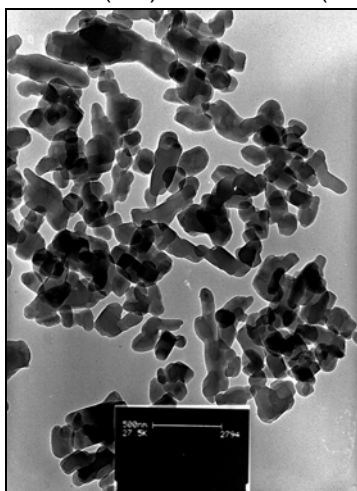
Water borne system	+
Baking system	+
Acrylic-isocyanate system	+
Acid curing systems	0
Amine curing systems	0
Air drying systems	+



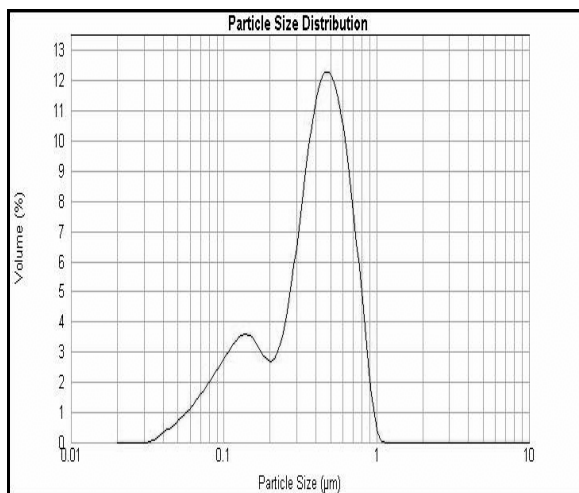
Reflectance Curve (Stoving Paint)
Full shade (5%) & Reduction (1:16)



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.