

Gafast Pigment Red 144

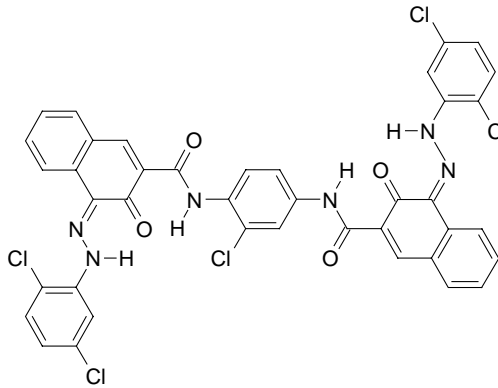
Chemical Class : Disazo

Chemical Structure:

C.I.Name : Pigment Red 144

C.I. No. : 200595

Bluish red pigment, with good heat stability & light fastness property. It is mainly suitable for coloration of plastics as well as packaging inks.



Full Shade

Product Specification:

Physical Data

Physical form

Specific Surface Area (BET), (m²/g)

Average Particle size, (μm)

Oil Absorption Value, (g/100g)

pH of 10% extract

Powder

30 - 32

≅ 0.861

65 - 70

6.0 - 7.0



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

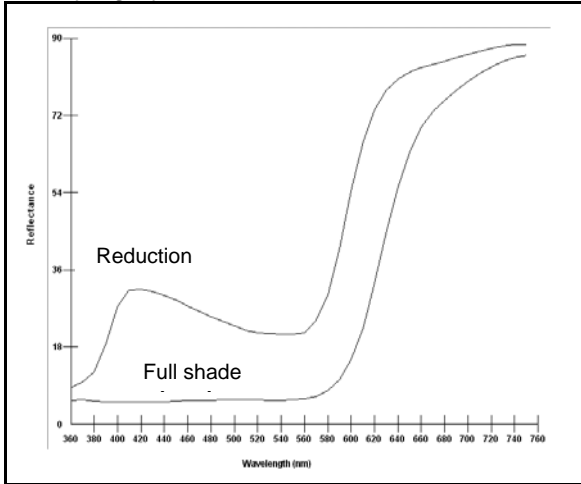
Fastness to Over coating:

5

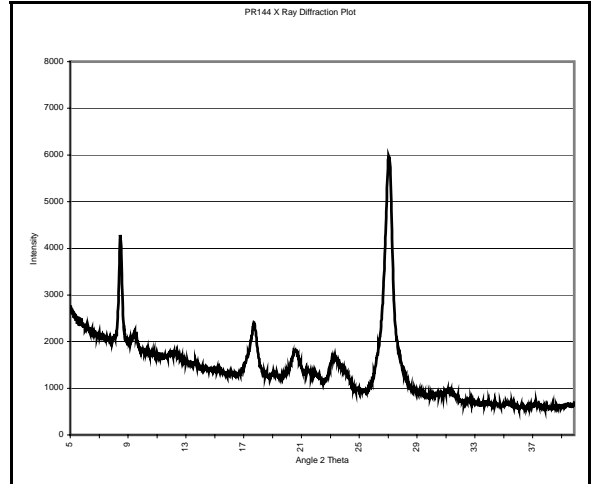
Gafast Pigment Red 144 Continued

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

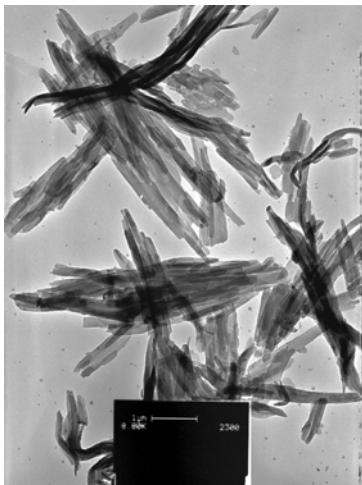
- Baking system +
- Acrylic-isocyanate system +
- Acid curing systems +
- Amine curing systems +
- Air drying systems +



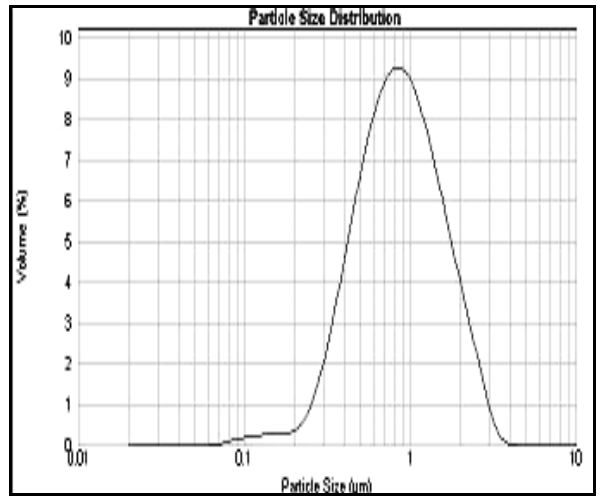
Reflectance Curve (Stoving Paint)
Full shade (5%) & Reduction (1:16)



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.