

Gafast Pigment Red 175

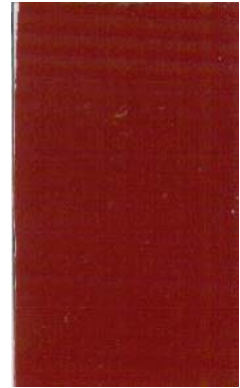
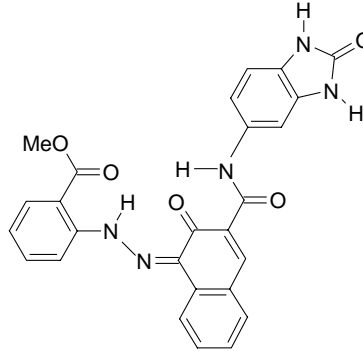
Chemical Class : Benzimidazolone

C.I.Name : Pigment Red 175

C.I. No. : 12513

It is bluish red pigment with good fastness properties It is mainly suitable for automotive finishes as well as for Coloration of plastics.

Chemical Structure:



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

54 – 56

≅ 0.114

68 - 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

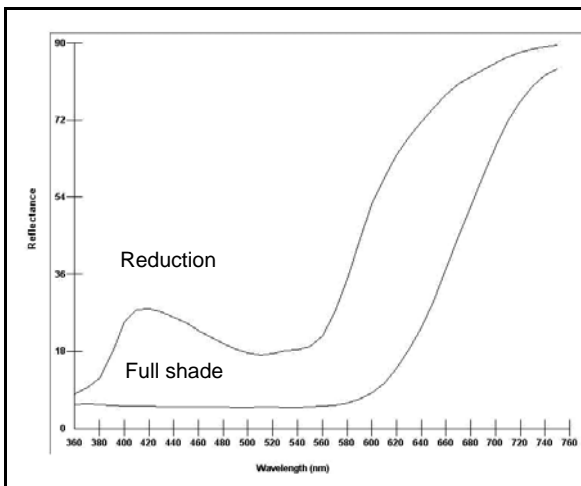
Heat Stability: 250°C

Weather fastness:

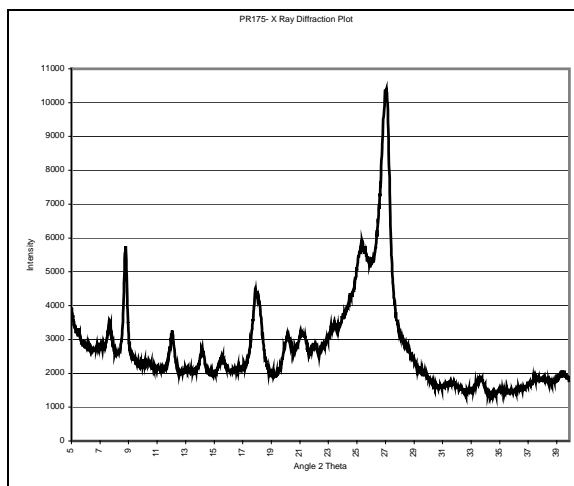
	Full shade	Reduction
Alkyd/melamine	5	4 - 5
Acrylic/melamine	5	4 - 5
Air-drying Alkyd	5	4 - 5

Fastness to Over coating: 5

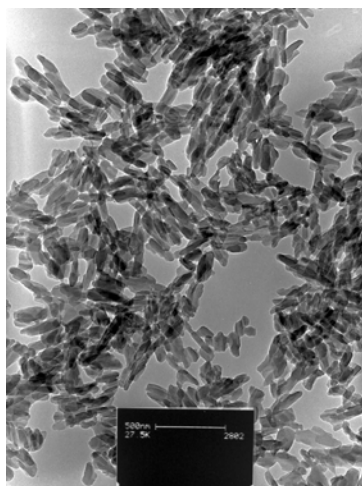
Gafast Pigment Red 175 continued



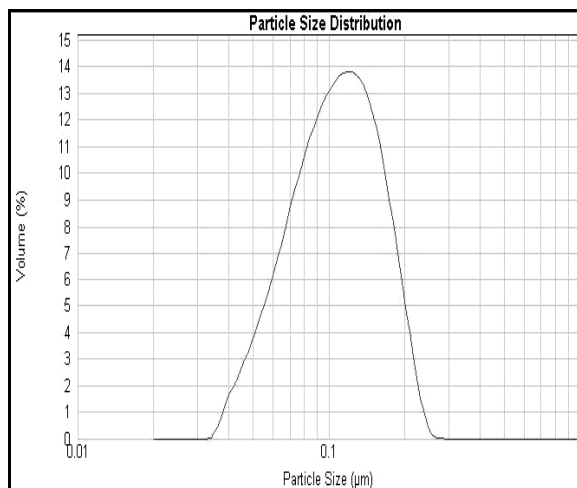
Reflectance Curve (Stoving Paint)
Full shade (5%) & Reduction (1:16)



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.