Gafast Pigment Red 175

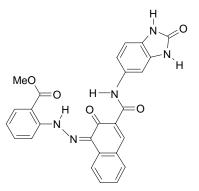
Chemical Class : Benzimidazolone

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), (m^2/g) 54 – 56 Average Particle size, (μm) $\cong 0.114$ Oil Absorption Value, (g/100g) 68 - 70 pH of 10% extract 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

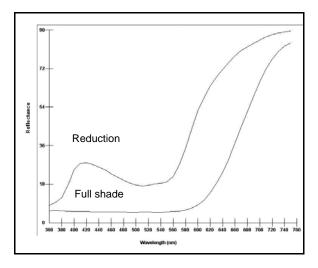
Heat Stability: 250°C

Weather fastness:

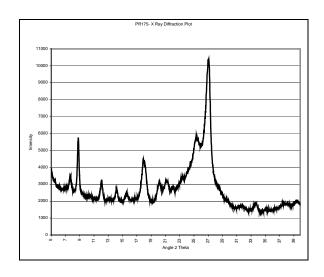
	Full shade	Reduction
Alkyd/melamine	5	4 - 5
Acrylic/melamine	5	4 - 5
Air-drying Alkyd	5	4 - 5

Fastness to Over coating: 5

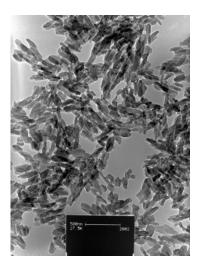
Gafast Pigment Red 175 continued



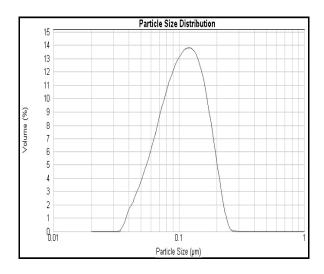
Reflectance Curve (Stoving Paint) Full shade (5%) & Reduction (1:16)



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.