

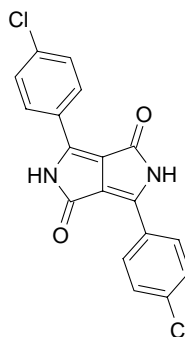
# Gafast Pigment Red 254 - 111

Chemical Class : Diketopyrrolopyrrole

Chemical Structure:

C.I.Name : Pigment Red 254

C.I. No. : 56110



Opaque Red shade pigment with excellent fastness to light, Weathering & solvents and good heat stability. Suitable mainly for Automotive OEM Coatings & refinishes, High performance coatings and Industrial applications.



Full Shade

## Product Specification:

### Physical Data:

Physical form	Powder
Specific Surface Area (BET), (m <sup>2</sup> /g)	10-12
Average Particle size, (µm)	≅ 0.65
Oil Absorption Value, (g/100g)	38-40
pH of 10% extract	6.5 – 7.5



Reduction  
1:16 TiO<sub>2</sub>

### Resistance to Solvents:

Water	5
Mineral Turpentine oil	5
n-Butanol	5
Xylene	5
Ethyl Cellosolve	5
DOP	5
<u>Heat Stability:</u>	240°C

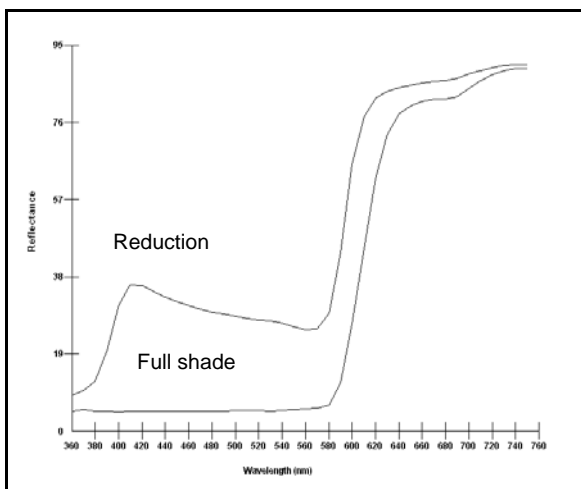
### Weather fastness:

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

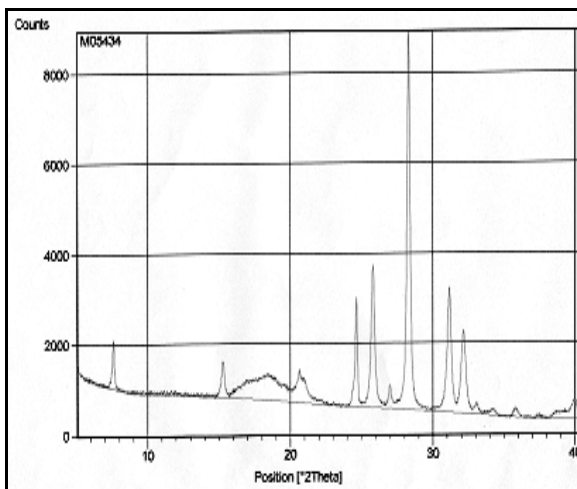
Fastness to Over coating: 5

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

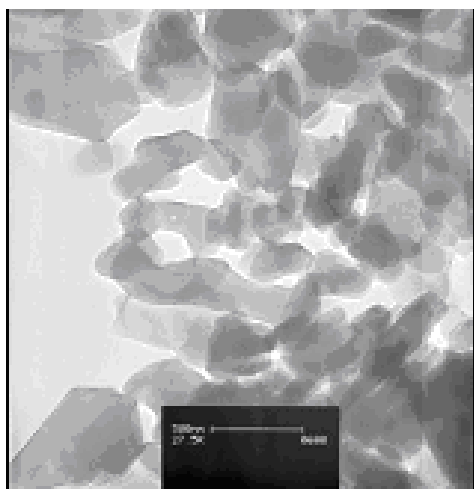
Water borne system	+
Baking system	+
Acrylic-isocyanate system	+
Acid curing systems	0
Amine curing systems	0
Air drying system	+



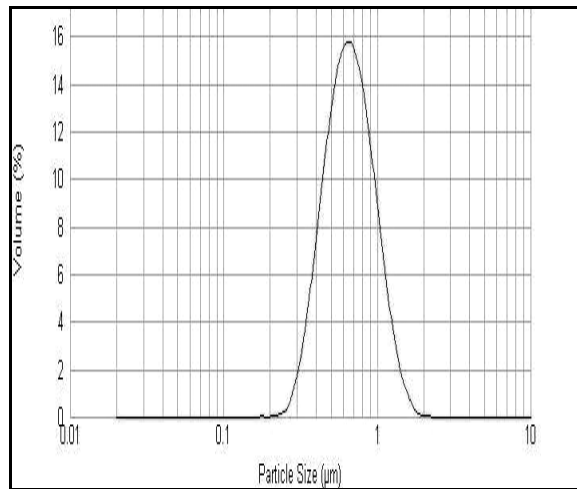
**Reflectance Curve (Stoving Paint)**  
Full shade (5%) & Reduction (1:16)



**X-ray Diffractogram**



**Transmission Electron Micrograph**



**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.