

# Gafast Pigment Blue 16

(Metal free Phthalocyanine Blue)

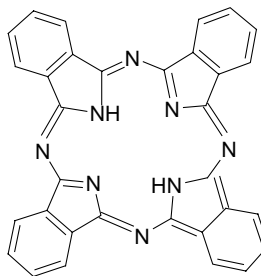
Chemical Class : Phthalocyanine

C.I. Name : Pigment Blue 16

C.I. No. : 74160

Bright blue pigment with good colour strength and excellent light fastness and weather fastness.

Chemical Structure:



Full Shade

**Product Specification:**

**Physical Data:**

Physical form

Powder

Specific Surface Area (BET), (m<sup>2</sup>/g)

20-24

Average Particle size, (μm)

≅0.157

Oil Absorption Value, (g/100g)

40-42

PH of 10% extract

6-7



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

Resistance to Solvents:

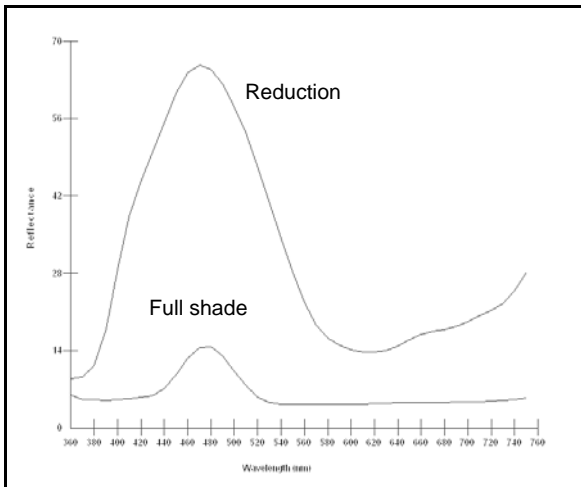
Water	5
Mineral Turpentine oil	5
n-Butanol	5
Xylene	4 - 5
Butyl Acetate	5
MEK	4 - 5

Weather fastness:

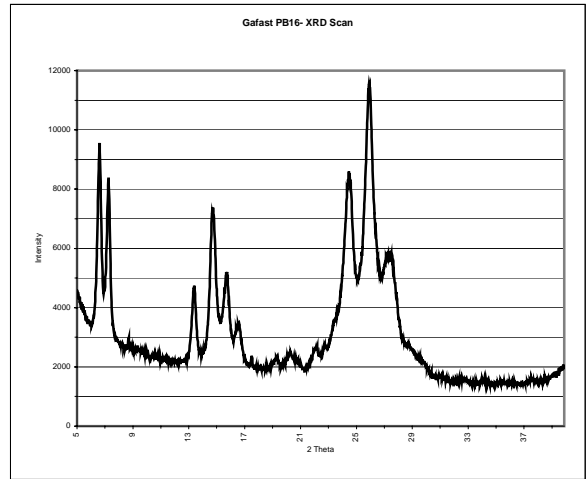
	Full shade	Reduction
Alkyd/melamine	5	4 - 5
Acrylic/melamine	5	4 - 5
Air-drying Alkyd	5	4 - 5

Fastness to Over coating: 5

## Gafast Pigment Blue 16 Continued ----



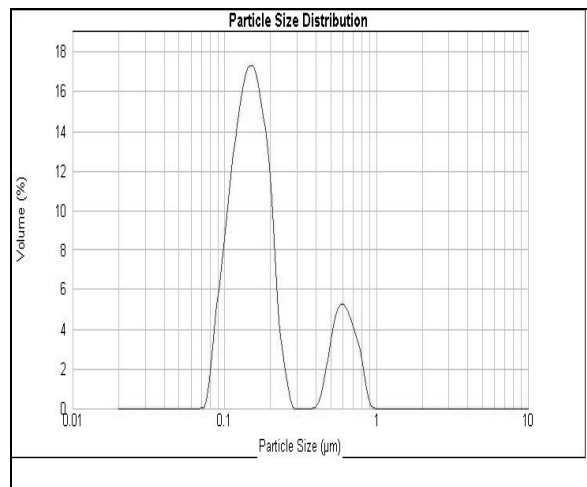
**Reflectance Curve (Stoving Paint)**  
Full shade (5%) & Reduction (1:16)



**X-ray Diffractogram**



**Transmission Electron Micrograph (TEM)**



**Partical 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.