

TECHNICAL DATA SHEET

Anucolour Pigment "Prussian Blue"

Full Tone



Mass Tone



Product Description

| | |
|-------------------|------------------------|
| Colour Index Name | Pigment Blue 27 |
| Colour Index No. | 77510 |
| CAS Number | 14038-43-8 |
| Chemical Name | Prussian Blue |

Properties

| | |
|-------------------|---|
| Powder Appearance | Dark Blue Powder |
| Formula | $\text{Fe}(\text{NH}_4)[\text{Fe}(\text{CN})_6]\cdot x\text{H}_2\text{O}$ |
| pH | 5-6 |
| Bulk Volume | 0.45 kg/Ltr |
| Oil Absorption | 45 + 5 |
| Moisture Content | 3 to 4% |

Bleeding in (1 Poor - 5 Excellent)

| | |
|----------------|----------|
| Xylene | 2 |
| Ethanol | 1 |
| Ethyl Acetate | 1 |
| MEK | 1 |
| Water | 5 |
| Acid 5% HCL | 4 |
| Alkali 5% NaOH | 1 |
| Soap Solution | 1 |

Resistance to Heat

| | |
|---------------|---------------|
| 150°C/ 10 min | Stable |
|---------------|---------------|

Resistance to Light (1 Poor - 8 Excellent)

| | |
|------------------|------------|
| Full Tone | 4-5 |
| Tint Tone (1:10) | 2-3 |

Applications

Recommendations

| | |
|--------|----------|
| Paints | ✓ |
|--------|----------|

DISCLAIMER:

The recommendations made in this product list are based on laboratory evaluations as well as field experience gained over the years and are correct to the best of our knowledge and belief. However, customers are requested to test the same in their formulations and equipment to establish the suitability in their own environment.