

23495 Mahogany Brown

Color Index: Pigment Brown 25
CAS No: 6992-11-6
Chemical characterization: Benzimidazolone pigment

Light stability: very good
Weather stability: very good
Solvent stability: very good
Heat stability: very good / 200°C

Density: 1.53 g/cm³

Average particle size: 80 nm

Specific surface: 90 m²/g

Oil absorption 86 mg/100 g

Special Recommendations:

- Air-drying alkyds
- Physically drying paints
- Baking enamels
- Acid cured paints
- Amine cured epoxies
- Isocyanate cured paints
- Water-based paints

Fastness Data:

| | to Light | LOA | AM |
|----------------------------------|----------|-----|-----|
| Full shade | | 8 | 8 |
| Deep shade | | 8 | 8 |
| 1/3 ST [1:6.3 TiO ₂] | | 8 | 8 |
| 1/25 ST [1:66 TiO ₂] | | 7-8 | 7-8 |

| | to Weathering | 12 month | | 24 month | |
|----------------------------------|---------------|----------|-----|----------|----|
| | | LOA | AM | LOA | AM |
| Full shade | | 5 | 5 | 5 | 5 |
| Deep shade | | 5 | 5 | 5 | 5 |
| 1/3 ST [1:6.3 TiO ₂] | | 4-5 | 4-5 | 4 | 4 |
| 1/25 ST [1:66 TiO ₂] | | 4 | 4 | 4 | 4 |

| | | | |
|--------------------------|---------|----------------------|-----------------|
| Acids | | 5 | |
| Water | | 5 | |
| Butyl glycol | | 4 | |
| Methyl ethyl ketone | | 3-4 | |
| Xylene | | 4-5 | |
| Alkali | | 5 | |
| Butanol | | 4-5 | |
| Butyl acetate | | 4 | |
| White spirit | | 4-5 | |
| Dibutyl phthalate | | 4-5 | |
| Blooming | | No blooming observed | |
| Fastness to overpainting | NC 5 | AM (120°C) 5 | AM (160°C) 5 |

LOA: Air-drying Long Oil Alkyd

AM: Baked Alkyd-Melamine

NC: Nitrocellulose Combination Lacquer