

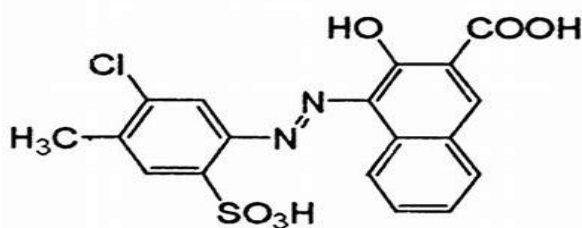
## Permanent Calcium Red 2B

**Color Type** Monoazo

**Color Index No.** P.R.48:2

**CAS NO.** 7023-61-2

**Structure:**



### Description:

- Pigment Red 48:2 is a bluish red pigment. More bluish than PR48:1 and PR48:4.
- S4820 is high transparent and glossy, recommending using for solvent-based ink with low viscosity.
- G4821 is semi-transparent for general application like offset ink, plastic and coating.
- P4822 is semi-transparent and easy dispersion, recommending using for plastic with high tinting strength.

### Physical properties and Fastness:

|                              |           |
|------------------------------|-----------|
| Density (g/cm <sup>3</sup> ) | 1.50-1.80 |
| Oil absorption (ml/100g)     | 45±5      |
| Water soluble matter (%)     | ≤2.5      |
| PH Value                     | 6.5-8.0   |
| Heat Resistance (°C)         | 180~220°C |
| Light Fastness               | 6~7       |
| Water Resistance             | 5         |
| Oil Resistance               | 4         |
| Acid Resistance              | 4         |
| Alkali Resistance            | 5         |

### Color card:



### Applications:

|                |                                    |   |
|----------------|------------------------------------|---|
| <b>Inks</b>    | Water-based Ink                    | ○ |
|                | Solvent-based Ink                  | ● |
|                | Offset Ink                         | ○ |
| <b>Plastic</b> | PP/PE/PVC                          | ● |
| <b>Paint</b>   | Powder Coating<br>Decorative Paint | ● |

Remark: ● High Recommendation;  
○ Recommendation; -Limit Suitability

### Storage conditions:

Should be sealed for avoiding light and moisture.

### Package:

Commonly 25kgs craft bag with Carton box on pallet.

**Please note:** \*\*\*This technical index and recommending application information is based on the present knowledge for reference only. Necessary test is needed before you put into use. \*\*\*