

# TECHNICAL DATA SHEET

Organic pigment for coatings&inks



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## Pigment Red 81:1 UN8149

### Identification

|               |              |
|---------------|--------------|
| Chem Group:   | Xanthenes    |
| C.I. No.:     | 45160:1      |
| CAS No.:      | 80083-40-5   |
| EC NO.:       | 279-394-3    |
| Counter Type: | Rhodamine 6G |

### Product Description

Pigment Red 81:1 UN8149 is Rhodamine 6G Lake red pigment in bluish shade



Full shade



Reduction 1:10

### Application

|                 |                   |
|-----------------|-------------------|
| Recommended for | solvent based ink |
| Suggested for   | /                 |

### Physical Data

|                             |            |                              |       |
|-----------------------------|------------|------------------------------|-------|
| Appearance                  | Red Powder |                              |       |
| Density(g/cm <sup>3</sup> ) | 1.7        | Oil absorption(ml/100g)      | 40-55 |
| Moisture(%)                 | ≤2.0       | Water soluble matter(%)      | ≤1.5  |
| pH-value                    | 6.5-8.0    | Electric Conductivity(us/cm) | ≤600  |

### Fastness Data

|                    |     |                |     |
|--------------------|-----|----------------|-----|
| Water              | 3   | Butyl Acetate  | 4   |
| Acid               | 3   | Benzene        | 4   |
| Alkali             | 3   | Ketone         | 3   |
| Oil                | 4   | Ethyle Alcohol | 3   |
| Heat Stability(°C) | 120 | Light Fastness | 4~5 |

### Note:

The above information is provided as guidelines only. It is important that the customers evaluate any product in their own resin system to determine suitability.

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