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# TECHNICAL DATA SHEET

# Pigment Red 146

## 1. Product Name

Trade Name: Pigment Red 146 FBB-S

C.I.: Pigment Red 146

C.I. No.: 12485

CAS No.: 5280-68-2

Chemical Formula: $C_{33}H_{27}ClN_4O_6$

Molecular weight: 611.04

## 2. Physical, Chemical and Resistance Properties

Appearance: Red Powder

Shade: Similar to Standard

Tinting Strength (%): 100±5

Specific Surface Area ($m^2/g$): 48

Moisture (%): ≤2.0

Water Soluble Matter (%): ≤1.5

Oil Absorption (ml/100g): 40~50

Electric Conductivity (us/cm): ≤500

Fineness (80mesh) (%): ≤5.0

PH Value: 6.5~7.5

Acid Resistance(5=excellent): 5

Alkali Resistance(5=excellent): 5

Alcohol Resistance(5=excellent): 5

Heat Resistance (℃): 220

Light Fastness (8=excellent): 7

## 3. Application

Suggested for Offset inks,Water base inks,Solvent base inks, Water base paints,Printing.

## 4. Packing

In 25 kgs bag with pallet.