QINGDAO SANHUAN COLORCHEM CO., LTD.

17 FLOOR, YUHENG BUILDING, NO.170 XUZHOU NORTH ROAD, QINGDAO, CHINA
EMAIL: michael@cncolorchem.com
TEL:0086 532 88978177/88978188
FAX:0086 532 88962988/88967877
WEBSITE: www.cncolorchem.com

TECHNICAL DATA SHEET

Pigment Red 166

1. Product Name

Trade Name: Pigment Red 166 R

C.I.: Pigment Red 166

C.I. No.: 20730

CAS No.: 3905-19-9

EINECS No.: 223-460-6

2. Physical, Chemical and Resistance Properties

Appearance: Red Powder

Shade: Similar to Standard

Tinting Strength (%): 100±5

Density (g/cm^3): 1.5

Specific surface (m^2/g): 29

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: 7.0~8.0

Acid Resistance(5=excellent): 5

Alkali Resistance(5=excellent): 5

Migration Resistance(5=excellent): 5

Weather Resistance(5=excellent): 4~5

Heat Resistance for Plastic (℃): 300

Heat Resistance for Paint (℃): 200

Light Fastness (8=excellent): 7~8

3. Application

Suggested for UV inks,Solvent base inks,Water base inks,
Solvent base paints,Water base paints,
Plastic such asPE,PP,PVC,PS,POM,ABS,PMMA,BORACHA.

4. Packing

In 10kgs bag with pallet.