



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 185

1. Product Name

Trade Name: Pigment Red 185 HF4C

C.I.: Pigment Red 185

C.I. No.: 12516

CAS No.: 51920-12-8

Chemical Formula: $C_{27}H_{24}N_6O_6S$

Molecular weight: 560.63

2. Physical, Chemical and Resistance Properties

Appearance: Red Powder

Shade: Similar to Standard

Tinting Strength (%): 100 ± 5

Moisture (%): ≤ 2.0

Water Soluble Matter (%): ≤ 1.5

Oil Absorption (ml/100g): 45~55

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 ($^{\circ}C$): 250

Light Fastness (8=excellent): 7

3. Application

Suggested for Water base inks, Solvent base inks, Plastic.

4. Packing

In 10/20/25 kgs bag with pallet.