



**QINGDAO SANHUAN COLORCHEM CO., LTD.**

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## TECHNICAL DATA SHEET

### Pigment Blue 15:3

#### 1. Product Name

Trade Name: Pigment Blue 15:3 BGS-W

C.I.: Pigment Blue 15:3

C.I. No.: 74160(β-Form)

CAS No.: 147-14-8

EINECS No.: 205-685-1

Chemical Formula:  $C_{32}H_{16}CuN_8$

Molecular weight: 576.07

#### 2. Physical, Chemical and Resistance Properties

Appearance: Blue Powder

Shade: Similar to Standard

Tinting Strength (%):  $100 \pm 3$

Moisture (%):  $\leq 1.5$

Water Soluble Matter (%):  $\leq 1.0$

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

Electric Conductivity (us/cm):  $\leq 500$

Fineness (80mesh) (%):  $\leq 5.0$

PH Value: 7.0~8.0

Acid Resistance(5=excellent): 5

Alkali Resistance(5=excellent): 5

Weather Resistance(5=excellent): 4

Heat Resistance (°C): 240

Light Fastness (8=excellent): 7

#### 3. Application

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

#### 4. Packing

In 20/25 kgs bag with pallet.