

**Technical Data Sheet****TDS****General Description**

Product Name	Benzidine Orange R
Epsilon Code	ECO01601
Color Index	Pigment Orange 16
C.I. No.	21160
CAS	6505-28-8
EINECS NO.	229-388-1
Chemical Group	Disazo

**Physical and Chemical properties**

Test Items	Specification
Appearance	Yellowish Orange Powder
Acid Resistance	4
Alkali Resistance	4
Alcohol Resistance	4
Soap Resistance	5
Bleeding Resistance	4
Migration Resistance	3-4
BET Surface Area, m <sup>2</sup> /g	43
Heat Resistance, °C	180
Light Fastness	4-5
Oil Absorption, g/100g	30-40
Moisture, %	1.5 max.
Water Soluble Matter, %	1.5 max.
Residue (120mesh), %	5.0 max.
PH Value	6.0-7.0

**Application**

Offset inks, water based inks, solvent based inks, decorative water based paints, industrial paints, decorative solvent based paints, powder coatings, textile printing, PVC, PE, PP, EVA, rubber.

**Package**

25kg bag or drum with pallets

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