



K P INTERNATIONAL PRIVATE LIMITED

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Phone No:- 079-26923570/87

TECHNICAL SPECIFICATION OF RED 48: 1

• PRODUCT :

- (a) NAME : Pigment Red 2B (Barium)
- (b) CHEMICAL TYPE : Organic
- (c) COLOR INDEX NAME : Pigment Red 48 : 1
- (d) COLOR INDEX NUMBER : 15865 : 1
- (e) CAS NUMBER : 7585-41-3

• PHYSICAL PROPERTIES :

- (a) SPECIFIC GRAVITY : 1.77
- (b) BULKING VOLUME (ml/100G) : 450
- (c) PH VALUE : 7.5
- (d) MOISTURE : 1.0%
- (e) OIL ABSORPTION (g/100g) : 40

• FASTNESS TO LIGHT: (1-8 SCALE 1 VERY LAW – 8 OUTSTANDING)

Full Tinting : 5 Reduced Tinting : 4

• HEAT RESISTANCE :

- (a) Heat (220 °C/20min.) : 5
- (b) Acid (2 % HCL) : 5
- (c) Alkali (2 % Naoh) : 3

• FASTNESS PROPERTIES : (1-5 SCALE 1 POOR – 5 EXCELLENT)

Ethyl Alcohol	: 4	Xylene	: 5
Mineral Spirit	: 4	Linseed Oil	: 4
Butyl Alcohol	: 4	M.E.K.	
: 3			
Ethyl Acetate	: 4		

- Applications : Yellowish shade and good fastness. Use in Oil and gravure ink, specially for PVC, PA/NA gravure inks.

✎ **Notes:** This technical information is offered for guidance but without guarantee.



Technical Specification of

Name	Permanent Red 2B (barium)	C. I. No.	15865:1
C. I. Name	Pigment Red 48:1	CAS No.	7585-41-3

Physical Properties

Specific Gravity	: 1.77
Bulking Volume (ml/100g)	: 450
PH Value	: 7.5
Moisture	: 1.0 % max
Oil Absorption (g/100g)	: 40

Fastness To Light

Full Tinting	: 5
Reduced Tinting	: 4

Resistance to

Heat (220° C/20min.)	: 5
Acid (2% HCL)	: 5
Alkali (2%NaOH)	: 3

Resistance to Solvents

Ethyl Alcohol	: 4
Butyl Alcohol	: 4
Ethyl Acetate	: 4
M.E.K	: 3
Xylene	: 5
Mineral Spirit	: 4
Linseed Oil	: 4

Main Applications

Yellowish shade and good fastness. Ba lake toner. Use in oil and gravure ink, specially for PVC, PA/NC gravure inks.

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