

TECHNICAL SPECIFICATION OF RED 48 : 4

- **PRODUCT :**

(a) NAME	: Pigment Red 2B (manganese)
(b) CHEMICAL TYPE	: Organic
(c) COLOR INDEX NAME	: Pigment Red 48 : 4
(d) COLOR INDEX NUMBER	: 15865 : 4
(e) CAS NUMBER	: 5280-66-0

- **PIGMENT PROPERTIES :**

(a) SPECIFIC GRAVITY	: 1.70
(b) BULKING VOLUME (ml/100G)	: 352
(c) PH VALUE	: 7.5
(d) MOISTURE	: 1.0%
(e) OIL ABSORPTION (ml/100g)	: 60
(f) HEAT STABILITY (°C)	: 220°

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

Full Tinting	: 6	Reduced Tinting	: 5
--------------	-----	-----------------	-----

- **LIGHT FASTNESS : (1-8 SCALE; 1 VERY LOW – 8 OUTSTANDING)**

25% Shade : 3	10% Shade : 3	5% Shade : 2
---------------	---------------	--------------

- **RESISTANCE TO:**

(a) Heat (180° C/20min.)	: 4
(b) Acid (2 % HCL)	: 5
(c) Alkali (2 % Naoh)	: 3

- **RESISTANCE TO SOLVENTS (1 TO 5)**

Ethyl Alcohol	: 4	Xylene	: 3
Butyl Alcohol	: 2-3	Linseed Oil	: 5
Ethyl Acetate	: 3-4	Mineral Spirit	: 4
M.E.K.	: 3-4	Acid	: 2
Alkall	: 2		

- **APPLICATIONS :** Azo Mn Lake Pigment, slightly yellowish shade with good Used in paint & coatings. Light fastness & color strength.

➤ **NOTES:** This technical information is offered for guidance but without guarantee.