

TECHNICAL SPECIFICATION OF RED :146

• **PRODUCTS :**

- NAME : Naphtol Carmine FBB
- CHEMICAL CLASS : Mono Azo Pig. of NAPTHOL
- CHEMICAL TYPE : Organic
- COLOUR INDEX NAME : Pigment Red 146
- COLOUR INDEX NUMBER : 12485
- CAS NUMBER : 5280-68-2

• **PHYSICAL PROPERTIES :**

- (a) SPECIFIC GRAVITY (20° C) : 1.42
- (b) OIL ABSORPTION : 65 (G/100 G)
- (c) SIEVE RESIDUE (350 mesh) : 500 ppm.
- (d) MOISTURE CONTENT : 1 % Max.
- (e) WATER SOLUBLE : 1 % Max.
- (f) PH OF EQUQUEOUS Soln. : 7

• **HEAT RESISTANCE :**

- (a) 120° C for 30 Minutes : Stable
- (b) 150° C for 20 Minutes : Stable
- (c) 200° C for 10 Minutes : Stable

• **FASTNESS PROPERTIES : (1-5 Scale : 1 Poor - 5 Excellent)**

Water	: 5	Linseed Oil	: 5
Ethyl Alcohol	: 5	Butanol	: 3
Acid	: 5	Alkali	: 5
Xylene	: 5	Mineral Turpentine	: 5
Butyl Alcohol	: 5	Methyl Ethyl Keton	: 4

• **LIGHT FASTNESS : (1-8 Scale : 1 Very Low - 8 Outstanding)**

FULL TINTING	: 7
REDUCED TINTING	: 6

- **APPLICATIONS :**Textile, Paint, Printing Inks, Plastics, Rubber, Soap, Cement Color etc.

- **HAZARDOUS INGREDIENTS :** NONE

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