



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

Plant: Linjiang Industrial Park Xiaoshan District Hangzhou China

Office: 403, A Block, Nice Hi-Tech Park, 1117-2, Youyi Road, Guali Town, Xiaoshan, Hangzhou, China

Tel: +86 (0571) 82551299

Fax: +86 (0571) 82522228

TECHNICAL DATA SHEET

PRODUCT NAME	PERMANENT RED FBB
CHEMICAL NATURE	MONOAZO
CHEMICAL FORMULAR	C ₃₃ H ₂₇ ClN ₄ O ₆
COLOR INDEX NAME	PIGMENT RED 146 (12485)
CAS NO.	5280-68-2
STRENGTH	100±2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	6.0-7.0
RESIDUE ON SIEVE (100 um)	≤3.0%
WATER SOLUBLE MATTER	≤2.0%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY RED POWDER
SPECIFIC GRAVITY	1.60g/cm ³
OIL ABSORPTION	≤45g/100g
VOLATILE AT 105°C	<3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	7
HEAT FASTNESS	190°C
WATER RESISTANCE	4
OIL RESISTANCE	4
ACID RESISTANCE	4
ALKALI RESISTANCE	4
<u>TECHNICAL PROPERTIES</u>	
Bluish shade, high glossy, high tinting strength.	
<u>APPLICATION</u>	
It's mainly used for water based ink.	
<u>NOTE</u>	
The above information is provided as guidelines for your reference only. The accurate effects should be based on the test results in laboratory.	