



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 F5RK
CHEMICAL NATURE	MONOAZO
CHEMICAL FORMULAR	C <sub>26</sub> H <sub>22</sub> N <sub>4</sub> O <sub>4</sub>
COLOR INDEX NAME	PIGMENT RED 170 (12475)
CAS NO.	2786-76-7
STRENGTH	100±2%
<b><u>PHYSICAL PROPERTIES</u></b>	
PH AQUEOUS EXTRACT	6.0
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	1.36g/cm <sup>3</sup>
OIL ABSORPTION	≤45g/100g
VOLATILE AT 105°C	<3.0%
<b><u>FASTNESS PROPERTIES</u></b>	
LIGHT FASTNESS	8
HEAT FASTNESS	180°C
WATER RESISTANCE	5
OIL RESISTANCE	5
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<b><u>TECHNICAL PROPERTIES</u></b>	
<b>Bluish shade, excellent light fastness, high covering power, good solvent resistance.</b>	
<b><u>APPLICATION</u></b>	
<b>It's mainly used for inks, PVC, Fiber, PP, PE, industrial paint, coil coating and OEM paint. Suggested for PU, RUB, PS, PC, PA, decorative paint, powder coating.</b>	
<b><u>NOTE</u></b>	
The above information is provided as guidelines for your reference only. The accurate effects should be based on the test results in laboratory.	