



Loyal Chemical

# HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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## TECHNICAL DATA SHEET

PRODUCT NAME	PERMANENT RED FGR
CHEMICAL NATURE	MONOAZO
CHEMICAL FORMULAR	C <sub>24</sub> H <sub>16</sub> Cl <sub>3</sub> N <sub>3</sub> O <sub>2</sub>
COLOR INDEX NAME	PIGMENT RED 112 (12370)
CAS NO.	6535-46-2
STRENGTH	100±2%
<b><u>PHYSICAL PROPERTIES</u></b>	
PH AQUEOUS EXTRACT	7.0-8.0
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	1.35g/cm <sup>3</sup>
OIL ABSORPTION	≤40g/100g
VOLATILE AT 105°C	<3.0%
<b><u>FASTNESS PROPERTIES</u></b>	
LIGHT FASTNESS	7
HEAT FASTNESS	170°C
WATER RESISTANCE	5
OIL RESISTANCE	5
ACID RESISTANCE	4
ALKALI RESISTANCE	4
<b><u>TECHNICAL PROPERTIES</u></b>	
<b>Bluish shade, high glossy, high tinting strength, easy dispersing, low viscosity.</b>	
<b><u>APPLICATION</u></b>	
<b>It's mainly used for industrial paint, water-base decorative paint, textile printing, water-based ink.</b>	
<b>Suggested for solvent-base 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.	