



Loyal Chemical

# HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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## TECHNICAL DATA SHEET

PRODUCT NAME	LOYAL RED HF3S
CHEMICAL NATURE	MONOAZO
CHEMICAL FORMULAR	C <sub>33</sub> H <sub>24</sub> Cl <sub>2</sub> N <sub>4</sub> O <sub>6</sub>
COLOR INDEX NAME	PIGMENT RED 188 (12467)
CAS NO.	61847-48-1
STRENGTH	100±2%
<b><u>PHYSICAL PROPERTIES</u></b>	
PH AQUEOUS EXTRACT	6.5-7.5
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	1.44g/cm <sup>3</sup>
OIL ABSORPTION	≤86g/100g
VOLATILE AT 105°C	<3.0%
<b><u>FASTNESS PROPERTIES</u></b>	
LIGHT FASTNESS	7
HEAT FASTNESS	220°C
WATER RESISTANCE	5
OIL RESISTANCE	5
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<b><u>TECHNICAL PROPERTIES</u></b>	
<b>Yellowish shade, semi-transparent, good solvent resistance.</b>	
<b><u>APPLICATION</u></b>	
<b>It's mainly used for OEM paint(car paint).</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.	