



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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TECHNICAL DATA SHEET

PRODUCT NAME	LOYAL ORANGE H5G
CHEMICAL NATURE	BENZIMIDAZOLONE
CHEMICAL FORMULAR	C ₁₇ H ₁₄ N ₆ O ₅
COLOR INDEX NAME	PIGMENT ORANGE 62 (11775)
CAS NO.	52846-56-7
STRENGTH	100±2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	6.0-7.0
RESIDUE ON SIEVE (100 um)	≤3.0%
WATER SOLUBLE MATTER	≤1.0%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY ORANGE POWDER
SPECIFIC GRAVITY	1.49g/cm ³
OIL ABSORPTION	≤72g/100g
VOLATILE AT 105°C	<3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	8
HEAT FASTNESS	180°C
WATER RESISTANCE	5
OIL RESISTANCE	5
ACID RESISTANCE	5
ALKALI RESISTANCE	5
<u>TECHNICAL PROPERTIES</u>	
Yellowish shade, high covering power.	
<u>APPLICATION</u>	
It's mainly used for industrial paint, OEM paint(car paint). Suggested for PVC, PP plastic, offset ink, 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.	