



Loyal Chemical

HANGZHOU LOYAL CHEMICAL TECHNOLOGY CO., LTD.

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TECHNICAL DATA SHEET

PRODUCT NAME	FAST YELLOW GRP
CHEMICAL NATURE	MONOAZO
CHEMICAL FORMULAR	$C_{16}H_{12}ClN_4O_7S \cdot 1/2Ca$
COLOR INDEX NAME	PIGMENT YELLOW 168 (13960)
CAS NO.	71832-85-4
STRENGTH	100 \pm 2%
<u>PHYSICAL PROPERTIES</u>	
PH AQUEOUS EXTRACT	6.5-7.5
RESIDUE ON SIEVE (100 μ m)	\leq 3.0%
WATER SOLUBLE MATTER	\leq 2.0%
SOLUBLE IN WATER	INSOLUBLE
ODOUR	NONE
PHYSICAL FORM	DRY YELLOW POWDER
SPECIFIC GRAVITY	1.60g/cm ³
OIL ABSORPTION	\leq 45g/100g
VOLATILE AT 105 $^{\circ}$ C	$<$ 3.0%
<u>FASTNESS PROPERTIES</u>	
LIGHT FASTNESS	6.0-7.0
HEAT FASTNESS	220 $^{\circ}$ C
WATER RESISTANCE	5
OIL RESISTANCE	5
ACID RESISTANCE	5
ALKALI RESISTANCE	4
<u>TECHNICAL PROPERTIES</u>	
Greenish shade, easy dispersing, good heat resistance, good migration resistance.	
<u>APPLICATION</u>	
It's mainly used for PP, LDPE. Suggested for PVC, Fiber, EVA	
<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.	