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TECHNICAL SPECIFICATION OF CROME OXIDE GREEN

PROPRODUCT INFORMATION			
PRODUCTNAME	CHROME OXIDE GREEN – C.O.G.		
SHADE	YELLOWISH GREEN		
CHEMICAL CLASS	INORGANIC PIGMENT POWDER		
COLOR INDEX NO	77288		
PIGMENT NAME	PIGMENT GREEN - 17		
C.A.S. NO.	1308-38-9		
% PURITY AS CR ₂ O ₃	98.5 MINIMUM		
IRON AS Fe	0.10 % MAXIMUM		
LOSS ON IGNITION AT 105 C	0.3 % MAXIMUM		
PHYSICAL PROPERTIES			
SPECIFIC GRAVITY	5.02		
DENSITY	800 gm/Lt		
BULK VOLUME	1.9 Lt/kG		
TAMPED VOLUME	1.1 Lt/Kg		
OIL ABSORTED	18 gm/100gm		
MOISTURE CONTENT	0.25 % MAXIMUM		
% WATER SOLUBLE	0.25 MAXIMUM		
HEAT STABILITY	STABLE UP TO 1000 ⁰ C		
FINENESS WITH 240 MESH SIEVE	1 % RESIDUE MAXIMUM		
FASTNESS PROEERTIES	SCALE 1-5	1- POOR	5-EXCELLENT
WATER	5	M.T.O	5
ETHANAOL	5	LINSEED OIL	5
BUTANOL	5	ACID RESISTANCE	5
ACETONE	5	ALKALI RESISTANCE	5
TOLUENE	5	SOAP	5
LIGHT FASTNESS	SCALE 1-5	1- POOR	5-EXCELLENT
25% SHADE	5		
10 % SHADE	5		
05% SHADE	5		

FIELD OF APPLICATIONS

- 1) EXTERIOR PAINT, LIME PROOF PAINT AND CONCRETE
- 2) AS A COLORANT IN PORTLAND CEMENT
- 3) ALKALI PROOF INKS- SUCH AS SOAP WRAPPER
- 4) PLASTIC AND RUBBER INDUSTIES
- 5) CERAMIC INDUSTRIES, TILES INDUSTRIES.
- 6) IN BUFFING INDUSTRIES AS A ABRASIVE LIKE STAINLESS STEEL UTENSILS.

The information given in this data sheet corresponds to the experience so far gained in plant and laboratory. It can be used for reference purpose only. We are not responsible for any unexpected results caused by it.