



ISHIHARA SANGYO KAISHA, LTD.

3-15, EDOBORI, 1-CHOME, NISHIKU

OSAKA 550-0002 JAPAN

Chemical Analysis

CUSTOMER: IC USA Dupont PRODUCT: TiO₂ GRADE: CR-97
CUSTOMER CODE#: W-6043.81 H1 FO RO IC#: IC-129920
CUSTOMER P.O.#: 4518 9097 MFG. LOCATION: YOKKAICHI, JAPAN
RELEASE # SUPPLIER: ISHIHARA SANGYO KAISHA, LTD.
DATE OF DELIVERY: 12/29/99 QUANTITY SHIPPED: 40 BAGS x 1000#
PRODUCTION DATE:

<u>PROPERTY</u>	<u>ACTUAL ANALYSIS</u>	
Lot No.	4567 (1,000 LBS)	
Tinting Strength	1820	1770~1870
(ISK METHOD)		
Oil Absorption(g/100/Pig)	19	16~21
(ASTM D281)		
Soluble salts(%MT)	0.017%	0.1%MAX
(ISK METHOD)		
325 Mesh Residue(%MT)	0.001%max	0.01%MAX
(ASTM D185)		
TiO ₂ (%MT)	94.0%	93.0%MIN
(ISK METHOD)		
P H	7.2	6.5~8.0
(ASTM E70)		
Moisture(%MT)	0.39%	1.0%MAX
(ASTM D280)		

(ADDITIONAL INFORMATION: Carbon black undertone Standard b value:-6.6 STD#1099)

Δ b -0.1 -0.3~0.3

CERTIFIED BY: H. Hatada
Deputy General Manager,
International Sales
Titanium Dioxide Division
ISHIHARA SANGYO KAISHA, LTD.

DATE: NOV. 25, 1999

GMC # 10398302

For Information in the U.S., call Ishihara Corp.(USA) at 415/421-8207. (Fax: 415/397-5403)
(Customer service)

- 1) DATE OF MANUFACTURE: 99.11.16
 - 2) EMERGENCY PHONE NUMBER: 1-800-424-9300(CHEMTREC)
 - 3) EXPIRATION DATE: 1 YEAR AFTER THE DATE OF DELIVERY
- RE-TEST DATE : WE WILL DO RE-TEST THE QUALITY OF THE
CARTON WHICH IS PASSED 5 YEARS AFTER
MANUFACTURED DATE BEFORE DELIVERY

TIPAQUE : registered mark

N 30847