

E. I. DU PONT DE NEMOURS & COMPANY
PIGMENTS DEPARTMENT
256 VANDERPOOL STREET
NEWARK, NEW JERSEY

NEWARK PLANT
PIGMENT COLOR RESEARCH REPORT

GE-515-D: GOAL YIELD ON K-2351

Period Covered: June - July 1946

FILE:

DATE: 8/20/46

NJ2000

N39999

KN 46-45

223.21

Serial No. KN-46-45

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NEWARK PLANT
PIGMENT COLOR RESEARCH REPORT
Final Report

Title: GE-515-D: Coal Yield on K-2351

Period Covered: June - July 1946

SUBMITTED BY: M. G. Taber

DATE SUBMITTED: 7/16/46

APPROVED BY : J. O. Morrison

DATE ISSUED: 8/20/46

J. O. Morrison
8/19/46

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INTRODUCTION

K-2351 specified a 14% increase in the amount of extender, making a new goal yield study advisable.

SUMMARY AND CONCLUSIONS

Goal yield for K-2351 has been determined as
1065.4% anhydrous
1071.8% "as is", with 0.6% H₂O.

Estimated yield for K-2351 was 1050%.

DISCUSSION OF RESULTS:

Four 0.5m. strikes were made in the laboratory, alike but for the dye lot used. Yields were very close to each other.

<u>Sample</u>	<u>Dye Lot</u>	<u>"as is" yield</u>	<u>% H₂O</u>	<u>anhydrous yield</u>
A	RMS 2583 (std.)	533.6	0.20	532.5
B	FA 3340	533.6	0.20	532.5
C	OU 4693 (4/24/46)	534.2	0.24	532.9
D	OU 4693 (5/8/46)	534.2	0.20	532.9
GS-515-D, Lot 37937 (SD 48258)			0.60	

EXPERIMENTAL DETAILS: Refer to N.B. 1225-2.