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NEWARK PLANT
PIGMENT COLOR RESEARCH REPORT

PLANT DEVELOPMENT OF RE-85-DL

Period Covered: Nov. 1946 - Feb. 1947

FILE:

DATE: 11/2/49

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NEWARK PLANT

PIGMENT COLOR RESEARCH REPORT

Final Report

Title: PLANT DEVELOPMENT OF RE-85-DL.

Period Covered: Nov. 1946 to Feb. 1947

Charge: A-IIC-57

SUBMITTED BY: F. S. KLEIN DATE SUBMITTED: 11/30/48

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INTRODUCTION

Laboratory variables and plant development of the first four batches of RE-85-DL (lots 33904 through 34039) were reported in KN-46-58. The last batch was made on June 30, 1946. Plant development was resumed on November 18, 1946 and twelve batches were made.

SUMMARY AND CONCLUSIONS

The first ten of the twelve above-mentioned batches of RE-85-DL differed from K-2332 (early formula) in that they contained eight pounds of Aso Bordeaux. In spite of this addition, the batches in general were light in masstone and yellow in extension. Because of these results the last two batches were made with twelve pounds of Aso Bordeaux and with a change in the alumina hydrate base from 30/12.5 to 30/13.5. These changes increased the masstone depth and also the strength of the pigment.

As a result of this plant development RE-85-DL (direct-laked RE-85-D) was set-up as a standard. The standard formula was coded AEL-85-DL.

RE-85-DL did not replace RE-85-D because it differed in tinctorial properties. Instead, two separate standards were maintained.

DEVELOPMENT DETAILS

DSN-48-30

REFERENCES

KN-46-58
K-2332
K-2348
K-2375
K-2380
K-2443

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