

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

NEWARK PLANT
PIGMENT COLOR RESEARCH REPORT

Progress Report

RT-160-P - RT-531-D PULP FORM FOR ARIDYE

Period Covered: December 1941 - January 1942

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SUBMITTED BY: V. Chalupski

DATE SUBMITTED: 11-2-45

APPROVED BY: V. Chalupski

DATE ISSUED: 11-26-45

INTRODUCTION

During the course of development work of RT-531-D in the semi-works, discussed in Research Report KN-42-248, an order for 400 lbs. of this pigment in pulp form was received from Aridye. Four semi-works batches were made and shipped under the code RT-160-P after customer approved preshipment samples.

SUMMARY AND CONCLUSIONS

Four semi-works batches, 120 lbs. dry weight each, were made checking lot 5189 (see Experimental Details in Research Report KN-42-248) and finished as approximately 40% pulp. Rubouts in varnish of dried out samples of these four batches were all very close to RT-531-D standard. Samples of pulp were shipped to Aridye; these were approved and all of the batches were shipped. Yields averaged 101.5% of estimated. This item has subsequently been inactive at Aridye, because of curtailment of textile printing for civilian use during the war.

EXPERIMENTAL DETAILS

See Development Section Data Book DSN-45-20.