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NEWARK PLANT
PIGMENT COLOR RESEARCH REPORT

RED SHADE SOLUBLE BLUE

Period Covered: June 45 - January 46.

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NEWARK PLANT
PIGMENT COLOR RESEARCH REPORT
Final Report

Title: RED SHADE SOLUBLE BLUE

Period Covered: June 45 - January 46.

SUBMITTED BY: M. G. Taber

DATE SUBMITTED: 7/1/46

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INTRODUCTION

This report discusses laboratory work toward development of a red shade soluble blue from toning blue press cake.

SUMMARY AND CONCLUSIONS

A series of red shade soluble blues was made by treating experimental toning blue press cake with varying amounts of YPS and H_2SO_4 . The products varied in solubility (TF 23#-1); those peptized with any amount from 23% (dry pigment weight) down to 4.8% YPS were very soluble, those peptized with less than 4.8% were poorly soluble.

Pigment strength was not affected by decreasing the amount of YPS to as low as 4.8%. Every experimental sample tested by heated dyeing evaluation was red and about 50% weak vs PB6D (2 parts = 1 part PB6D), and was green in tint and very strong versus the greenest of the Halepoint Blue BGM's (2 parts = 4#6 parts Halepoint Blue BGM, D# 5694).

No further study is planned for the present.

REFERENCES

N.B. 1105-69, 76 and 79.

Monthly Summary, Service Laboratories, January, 1946.