

INTER-OFFICE MEMO **TENNECO CHEMICALS, INC.**

TO W.C. Champion

AT Burlington

DATE February 19, 1974

FROM F.W. Kanzler

AT Burlington

COPY TO ☒ File

SUBJECT Supercryl 100 and 100H Testing

see RJE

Attached is a summary of the test results of all the Supercryl samples submitted to date. Based on the limited data on hand, it appears that the Mill Efficiency is somewhat related to the Haze values. A regression analysis will be made once sufficient data is available. No consistent trend is presently noted in the L,a,b scale readings when compared with the other parameters tested for.

It is planned to establish specifications for all three tests performed in Burlington. To help in the interpretation of the L,a,b scale, a diagram of the color coordinates is attached for transmittal to Messrs. J. Wilcox and J. Mahon at the Fords Plant.

Fred W. Kanzler

F.W. Kanzler

Attachments (3).

FWK/jst

TABLE I
SUPERCRYL 100

Sample	Haze %	Mill Efficiency gm	Scale		
			L	a	b
Control Lot #103	12.1	2.5, 3.0	12.0	1.3	-1.2
K-120 N	5.7	-	12.3	1.2	-1.4
#193	5.9	3.1, 3.5	11.9	1.2	-1.4
#194	8.3	3.2, 2.9	13.1	1.0	-1.7
#195	10.0	2.9, 2.7	12.4	1.2	-1.7
#196	10.1	2.7, 2.8	12.2	1.2	-1.4
#197	NA	3.2, -	-	-	-
#198	8.2	2.8, 3.2	12.0	1.2	-1.4
#199	13.0	3.6, 3.6	13.5	1.0	-1.7
#200	10.0	3.3, 3.3	13.0	1.1	-1.8
#201	7.3	2.0, 2.0	11.8	1.2	-1.3
#202	8.3	2.0, 2.2	12.0	1.1	-1.5
#203	14.2	2.5, 2.5	13.9	1.0	-1.8
#099 Alcolac	10.1	2.8, 2.5	12.4	1.2	-1.4
#100 Alcolac	12.7	2.3, 2.5	12.8	1.1	-1.6
Control Lot #103	-	2.6, 2.5	-	-	-
K-120 N	5.2	-	12.6	1.1	-1.1
#204	7.9	2.5, 2.3	12.9	1.0	-1.6
#205	8.5	2.6, 2.5	13.3	0.9	-1.4
#206	7.7	2.7, 2.9	13.1	1.0	-1.5
#207	6.2	2.6, 2.4	12.7	1.0	-1.5

NA = not available

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COLORITE 012526

TABLE II
SUPERCRYL 100H

<u>Sample</u>	<u>Haze</u> %	<u>Mill Efficiency</u> gm	<u>L</u>	<u>Scale</u>	
				<u>a</u>	<u>b</u>
Control Lot #103	-	2.7, 2.8	-	-	-
K-120 N	7.0	-	13.4	1.0	-2.0
#20047	9.4	2.7, 2.5	13.2	1.0	-1.5
#20048	7.8	2.3, 2.2	13.4	1.0	-2.1

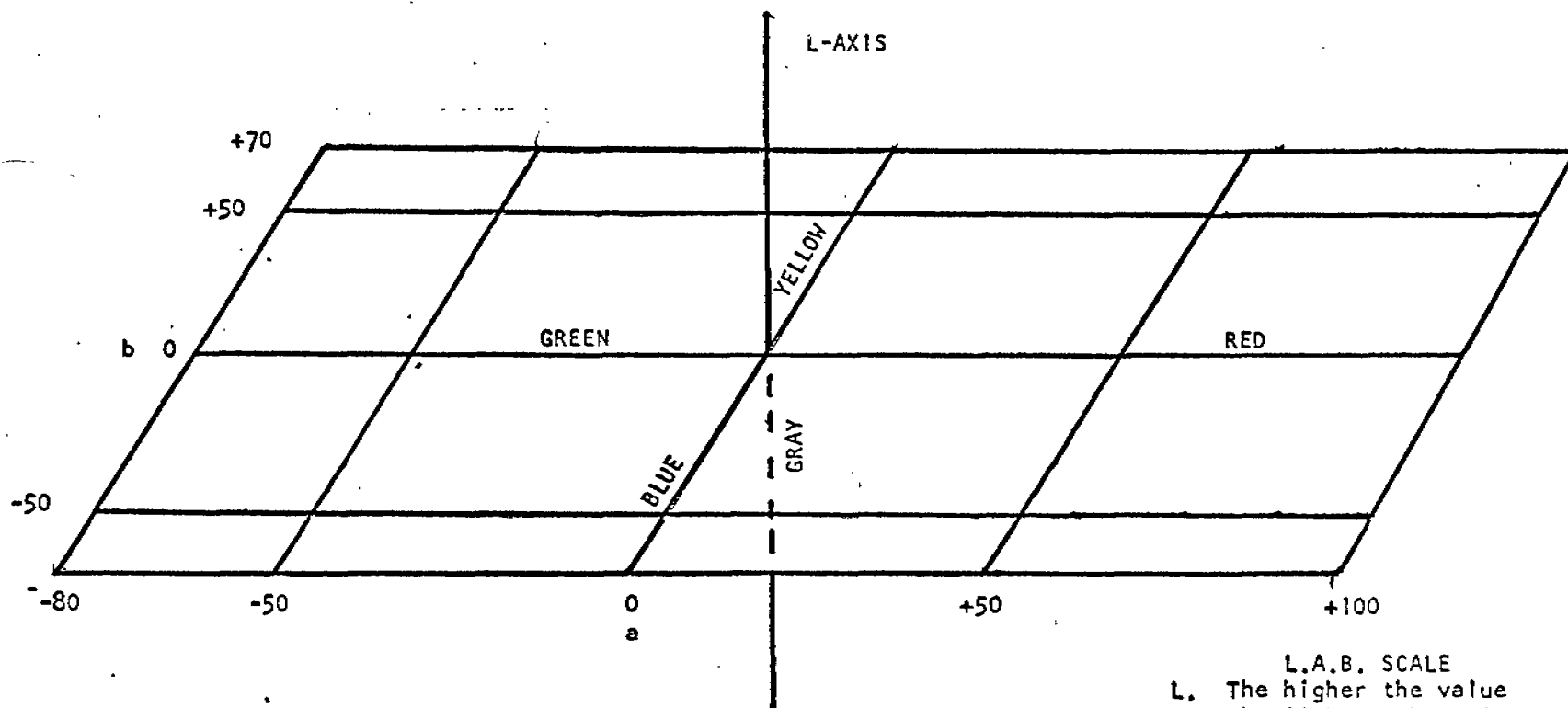
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COLORITE 012527

Color Coordinates

L, a, b Space

100-WHITE



0-BLACK

L, a, b SPACE

L.A.B. SCALE

L. The higher the value
the lighter the color.

A. + Redness
- Greeness

B. + Yellowness
- Blueness

COLORITE 012528