

243, 244, 246, 247, (262)

C.V.

D.V.

CG 03 CODE KY-787-D PKG.

JAI-8 33681

EST. WGT. 1965 2230 LBS.

PROCESSES		APPROVED BY	
() KY-787-D	(S)	EWK 10-19-77	
() Alternate	()	DCG 10-25-77	
()	()	MTW 10-26-77	
()	()	FWP 02-01-79	
TYPED BY			
emw020179			

STD. HRS. TIME 5 P M

14 YC-2-B 93 4 Lot 24200, 2000 #
 14 YC-2-B 93 4 Lot 24199, 1500 #
 14 YC-2-B 93 4 Lot 24201, 1500 #

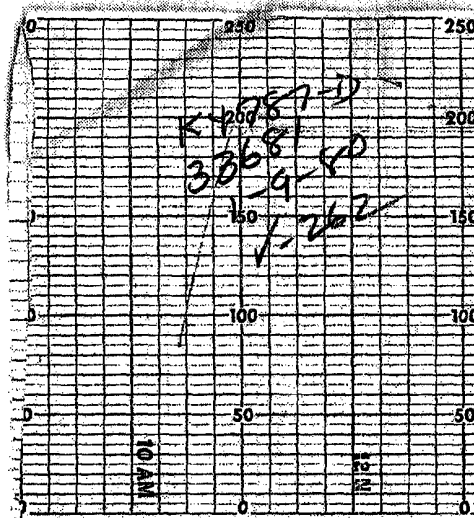
Total Wgt 6965 2230# (REQ)

NON-BLEEDING

EMENT	NAME: KROLOR® YELLOW MEDIUM	USE LBS.	N CODE	ACCT. LBS.
203	1 Run 50" (827 G) water into V-203			1800
&	2 Weigh in drum & pour in			
205	3 Dump in & stir 5 min	1000 570	32-D	570
1	Record: Start 9:30 P.M. Lot 24200 2000	100 x 50	YC-2-B	5000
	Fin 10:45 P.M. 24199 1500			
	75" (1275 G) 24201 1500			
	4 Adj to 80" (1360 G) 5000			
	5 Pump V-203 thru Homog at 2400-2600 psi into V-205			
	6 When V-203 MTY, wash color thru Homog at 1800-2200 psi using minimum water. Use Hot Water			
	7 Record: V-203 Vol 44" & adj to 54" (1900 G)			
	8 Inspect Homog strainer & clean if necessary			
SV	9 Run 2" (200 G) water into V-262 & install temp chart & start agitator			
205	10 Pump V-205 thru Homog at 4800-5200 psi into SV-262			
2	Record: Time Start 11:00 P.M. Total Min 12:00			
	NOTE: If Homog pressure falls below 4800 psi 3-way valve will recirculate slurry to V-205			
	11 When V-205 MTY, run in 5" (240 G) water & pump thru Homog at 4800-5200 psi. Rinse in using Hot Water			
349	12 While Homog, run 6" (284 G) water into V-349			
	13 Run 1000 # water into V-384 & heat to 110-120°F			
384	14 Weigh into V-384 & pump to V-349	2830	32-D	2830
	15 Run 1000 # water into V-384 & pump to V-349	3450		3450
	16 Add V-349 to (25") (1163 G) & stir 15 min or longer			
	17 Record: 0.8% (15.2 ± 0.2) (1.100 - 1.103) 1.100			
SV	18 When 8 11 Homog complete, adj SV to 26" (2100 G)			
4	19 Record: pH 10.9 & adj to 11.1-11.3 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	12	7-D	6
	Siphon into SV & Record: pH 11.2			
	20 Heat to 190-194°F in 35-45 min (V-262) or in 55-65 min (V-243, 244, 246, 247) &			
	Record: HT 193 °F & Rec 192 °F			
	NOTE: Strike must be started immediately on completion of heating			
343	21 While heating SV, run 56" (1520 G) water into V-343			
	22 Meter in from V-386 M 2, 9.70 #/Gal 58.5 Gal		27-D	573
386	23 Stir 15 min or longer			567
5	24 Record: 0.8% (4.1 ± 0.1) (1.026 - 1.028)			

262

QUIPMENT	PAGE 2 CG 03 CODE KY-787-D (S) EST. WGT.	7230 LBS.	USE LBS.	N CODE	ACC LBS	
SV 6	25 When S 20 heating complete, Record: pH <u>10.4</u> (9.6-10.2) 26 Set V-343 acid pump at <u>(69)</u> setting (± 255 min) 27 Set V-349 silicate pump at <u>(60)</u> setting (± 210 min) 28 Immediately meter in V-343 & 349, maintain SV at 190-1940F during strike 29 Record:	Start V-343 <u>5:30 PM</u> V-349 <u>9:10 PM</u> Fin <u>9:55 PM</u> Min <u>265</u> <u>280</u>				
	Record:	Time	V-343 in	V-349 in	SV pH	Normal pH
	at 20 min	<u>5:50 P</u>	(52) <u>53</u>	(22) <u>22</u>	<u>10.2</u>	9.3-10.0
	40 min	<u>6:10</u>	(48) <u>48</u>	(20) <u>20</u>	<u>10.1</u>	9.3-10.0
	1 hr	<u>6:30</u>	(43) <u>43</u>	(18) <u>18</u>	<u>10.0</u>	9.3-10.0
	2 1/2 hrs	<u>7:45</u>	(27) <u>27</u>	(7) <u>7</u>	<u>9.8</u>	9.3-10.0
	3 1/2 hrs	<u>9:00</u>	(10) <u>12</u>	(0) <u>7</u>	<u>9.8</u>	9.3-10.0
	Finish	<u>9:45 PM</u>	(0) <u>—</u>	<u>—</u>	<u>9.0</u>	7.5-8.5
	NOTE: (1) If pH not as specified, notify Supervisor & note in log (2) If final pH is above 8.5, adj pH to 7.5-8.5 & Record: pH Assume 78%					27-D
330 7	30 Run 22" (431 G) water into V-330 & heat to 160-170°F 31 Add in 12-13 min 32 Stir 5 min & Record: pH <u>10.1</u> (9.5-10.5) 33 Stir 20 min or longer to dissolve for S 46			700	530-A	700
357 8	34 Run 29" (210 G) water into V-357 & heat to 135-140°F 35 Dump in & stir to dissolve for S 42			350	15-A	350
302 9	36 Run 36" (440 G) water into V-302 37 Add & stir 2 min for S 44 Assume 50%			380	7-D	190
SV 10	38 When V-349 MTY, rinse in with minimum water then set pump to zero setting 39 When V-343 MTY, rinse in with minimum water then turn off pump motor 40 Turn off steam 41 Stir in 42 Run in V-357 from S 35 & stir 5 min 43 Record: pH <u>3.6</u> (3.7-4.2) 44 Run in N-7-D from S 37 in 10-12 min & stir 5 min 45 Record: pH <u>9.1</u> (9.0-9.5) & if necessary, adj to pH 9.0-9.5 & Record: pH Assume 78% (Dilute 10 parts water to 1 part N-7-D) Assume 50% Siphon N-7-D into SV 46 Run in V-330 thru 20 mesh screen & stir 20 min					
330 11	47 Run 15" (222 G) water into V-330 & dump in 48 Stir 5 min to dissolve for S 49			270	20-A	270
SV 12	49 Run V-313 into SV in 15-20 min 50 Stir 15 min 51 Record: pH <u>9.0</u> (9.0-10.0) 52 Stop agitator <u>Do not stop V-262</u> Step V-262 (20 RPM) V-243, 244, 246, 247 9 2" 4" 18 26" 50" START <u>11:00 PM</u> FIN <u>11:00 PM</u> OPTR <u>435-405</u> <u>11:00 PM</u> <u>11:00 PM</u> <u>11:00 PM</u>					



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