

CG 03 CODE KY-908-D PKG.

→ JAN 25 34023

EST. WGT. 1603 LBS.

STD. HRS. TIME

5: P M

PROCESSES		APPROVED BY
() KY-908-D	(F)	EWK 12/12/77
() Alternate	()	DCG 12/14/77
()	()	MW 12/19/77
()	()	
TYPED BY		
RJ 2/6/78		

14 YC-3-B 93 4 Lot 24424, 2700#
 14 YC-3-B 93 4 Lot 24411, 50#
 14 YC-3-B 93 4 Lot 24418, 1850#

TOTAL WGT. 6203

NON-BLEEDING

LEMENT	NAME: KROLO® YELLOW - LIGHT	USE LBS.	N CODE	ACCT. LBS.
03	1 Run 2" (260 G) water into V-203			
&	2 Pour in	610	32-D	610
05	3 Dump in Lot	92 x 50	YC-3-B	4600
1	Record: Start <u>6.45</u> Fin <u>8.00</u>			
75" (2756)	4 Adj to 70" (1200 G) <u>2400-2600</u>			
	5 Pump V-203 thru Homog at 1800-2200 psi into V-205			
	6 When V-203 MTY, wash color thru Homog at 1800-2200 psi using minimum water			
	7 Record: V-205 Vol <u>39</u> " & adj to 60" (2100 G)			
	8 Inspect Homog strainer & clean if necessary			
V &	9 Run 2" (200 G) into V- <u>262</u> Install temp chart & start agitator			
205	10 Pump V-205 thru Homog at 4800-5200 psi into SV			
2	Record: Time Start <u>3:35</u> min Total Min <u>145</u>			
	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			
349	12 While Homog, run 6" (248 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	2150	32-D	2150
3	15 Run +1000# water into V-384 & pump to V-349			
	16 Adj V-349 to 20" (946 G) & stir 15 min or longer			
	17 Record: ρ_{be} <u>1.079</u> (10.0 ± 0.2) <u>1.077-1.080</u> <u>g/ml</u>			
V	18 When S 11 Homog complete, adj SV to 25" (2478 G)			
4	19 Record: pH <u>10.0</u> & adj to 11.0-11.2 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50% Siphon into SV & Record: pH <u>11.1</u>	<u>42</u>	7-D	<u>21</u>
→	20 Heat to 190-194°F in 35-45 min & Record: HT <u> </u> °F & Rec <u> </u> °F Note: Strike must be started immediately on completion of heating			
343	21 While heating SV, run 45" (1237 G) water into V-343			
&	22 Meter in from V-386 <u>M 13</u> <u>9.433</u> #/Gal <u>33.7</u> Gal		27-D	318
386	23 Stir 15 min or longer			
5	24 Record: ρ_{be} <u>1.016</u> (2.5 ± 0.1) <u>1.015-1.016</u> <u>g/ml</u>			

V-262

SHIPMENT	PAGE 2 CG 03 CODE KY-908-D (F) EST. WGT. 6203 LBS.	USE LBS.	N CODE	ACCT LBS.
6	25 When S 20 heating complete Record: pH 9.5 (9.5-10.0) 26 Set V-343 acid pump at 64 setting (+225 min) 27 Set V-349 silicate pump at 57 setting (+180 min) 28 Immediately meter in V-343 & V-349, Maintain SV at 190-194°F during strike 29 Record: Start Finish Minutes V-343 11.05 3:20 PM 208 V-349 11.05 2:15 PM 190 Record: Time V-343 V-349 SV Normal at 20 min 11.25 AM (42) 42 (18) 18 9.5 9.3-10.0 40 min 11.45 AM (38) 39 (15) 15 9.6 9.3-10.0 1 hr 12.05 PM (34) 35 (13) 13 9.6 9.3-10.0 2 hrs 1.05 PM (22) 24 (6) 6 9.7 9.3-10.0 3 hrs 2.05 PM (11) 13 (0) 12 9.7 9.3-10.0 Finish 2:50 PM (0) 2 (0) 2 7.2 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%			
357	31 Run 29" (210 G) water into V-357 and heat to 135-140°F 32 Dump in and stir to dissolve for S60	50	27-D 128-A	50
7	33 Add 24" (294 G) water to V-302 34 Add and stir 2 min for S63	415	15-A	415
302	35 During strike pump into PT 36 Pump in 37 Pump in 38 Stir 10 min with lightning mixer for S42	570	169-A	570
9	39 During Strike Run 26" (317G) water into V-356 40 Turn on steam 41 Adj to 33" (403 G) at 170-182°F 81-83°C 42 Pump PT mixture from S38 thru undersurface Distributor AFAP 43 Rinse PT with Hot Water from Hot Water mixer & Pump in 44 Shutoff pump 81-83°C 45 Stir 30 min at 170-182°F for S54 46 do not shutoff Agitator	64	155-A	64
356	47 When V-349 MTY. rinse in with minimum water then set pump to zero setting 48 When V-343 MTY. rinse in with minimum water then turn off pump motor 49 Heat to 198-200°F in 5-10 min 50 Close water line & Discharge valves at stearate pump 51 Open V-356 Discharge valves to stearate pump inlet 52 Open water valve at stearate pump & run water thru Homog at 2900-3100 psi to sewer 53 While Homog water at 2900-3100 psi, open Homog Discharge valve to SV & close valve to sewer	64	160-A	64
11				

EQUIPMENT		PAGE 3 CG 03 CODE KY-908-D (E) EST. WGT. 3549 LBS.	USE	N	ACC
			LBS.	CODE	LBS.
SV 11 con't	54	Immediately open stearate pump discharge valve, turn on pump & homog V-356 to SV at 2800-3100 psi maintain SV at 198-200°F			
	55	While Homog V-356 to SV, shut off water valve at stearate pump ASAP			
	56	When homog complete, rinse in V-356 with hot water from hot water mixer			
	57	When S56 complete, turn off Homog & stearate pump			
	58	Stir 5 min at 198-200°F			
	59	Shut off steam			
	60	Run in V-357 from S32 and stir 5 min			
	61	Record: pH <u>3.7</u> (3.3-3.7)			
	62	If necessary, adj pH to 3.3-3.7 (Downward only) and Record: pH		15-A	
	63	Run in N-7-D from S34 in 4-6 min and stir 5 min			
	64	Record: pH <u>4.0</u> (4.2-4.4) and if necessary, adj to pH 4.2-4.4 and Record: pH <u>4.2</u>	Assume 78%	27-D	
		Dilute 10 parts water to 1 part N-7-D)	Assume 50%	7-D	5
		Siphon N-7-D into SV			
	65	Do not stop agitator			
		START <u>3:00 PM</u> FIN <u>11:00 AM</u> OPR <u>409-408</u>			
		<u>11:00 PM</u> <u>3 PM</u> <u>300-144</u> <u>438</u>			

