

CG 03 CODE KY-908-D PKG.

→ DEC 11 33251

EST. WGT. 2106 LBS.

STD. HRS. TIME 5 P M

14 YC-3-B 93 4 Lot 23880, 2000#

14 YC-3-B 93 4 Lot 23879, 2000#

14 YC-3-B 93 4 Lot 23867, 1500#

YC-3

PROCESSES		APPROVED BY	
() KY-908-D	(F)	EWK	12-12-77
() Alternate	()	DCG	12-14-77
()	()	MTW	12-19-77
()	()	FWP	03-27-79
TYPED BY			
emw032879			

OK
 CLEAN UP
 AS YOU GO ALONG

Total Wgt 7606#

NON-BLEEDING

SHIPMENT	NAME: KROLOR® YELLOW LIGHT	USE LBS.	N CODE	ACCT. LBS.
203 & 205	1 Run 50" (827 G) water into V-203			
	2 Pour in	730	32-D	730
	3 Dump in			
	Record: Start 3:05-A.M. Lot 23880 2000	110 x 50	YC-3-B	5500
	Fin 5:00 A.M. 23879 2000			
	23867 1500			
	4 Adj to 80" (1360 G)			
	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-205 Vol 41" & adj to 54" (1900 G)			
	8 Inspect Homog strainer & clean if necessary			
SV & 205	9 Run 2" (200 G) into V-205. Install temp chart & start agitator			
	10 Pump V-205 thru Homog at 4800-5200 psi into SV			
	Record: Time Start 11:30 Total Min: 190			
	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 & 384	12 While Homog, run 6" (248 G) water into V-349			
	13 Run ± 1000# water into V-384 & heat to 110-120°F			
	14 Weigh into V-384 & pump to V-349	2570	32-D	2570
	15 Run ± 1000# water into V-384 & pump to V-349			
	16 Adj V-349 to 25" (1163 G) & stir 15 min or longer			
	17 Record: ρ_{be} 1.077 (10.45 ± 0.2) (1.074-1.071)			
SV & 349	18 When S 11 Homog complete, adj SV to 21" (2100 G)			
	19 Record: pH 9.9 & adj to 11.0-11.2 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	30	7-D	15
	Siphon into SV & Record: pH 11.0			
	20 Heat to 190-194°F in 35-45 min & Record: HT 190 OF & Rec 194 OF			
	NOTE: Strike must be started immediately on completion of heating			
343 & 386	21 While heating SV, run 56" (1520 G) water into V-343			
	22 Water in from V-386 M 81, 9814/Gal 38.7 Gal		27-D	380
	23 Stir 15 min or longer			
	24 Record: ρ_{be} 1.017 (2.75 ± 0.1) (1.016-1.019)			

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EQUIPMENT		PAGE 2 CG 03 CODE KY-908-D (F) EST. WGT. 7606 LBS.	USE LBS.	N CODE	ACC LB
SV	25	When S 22 heating complete, Record: pH 10.0 (7.5-10.0)			
	26	Wet V-343 acid pump at 69 setting (± 255 min)			
	27	Set V-349 silicate pump at 60 setting (± 210 min)			
	28	Immediately meter in V-343 & 349, maintain SV at 190-194°F during strike			
	29	Record: Start Finish Minutes			
		V-343 3:50 PM			
		V-349 7:20 PM 2:10			
		Record: Time V-343 V-349 SV Normal			
		at 20 min 4:10 PM (52) 52 (22) 22 9.5 9.3-10.0			
		40 min 4:30 (48) 48 (20) 20 9.5 9.3-10.0			
357	31	Run 29" (210 G) water into V-357 & heat to 135-140°F			
	32	Dump in & stir to dissolve for S 60	500	15-A	500
	33	Add 24" (294 G) water to V-302			
	34	Add & stir 2 min for S 63	Assume 50%	120	7-D 60
	35	During strike pump into PT	680	169-A	680
	36	Pump in	76	155-A	76
	37	Pump in	76	160-A	76
	38	Stir 10 min with lightning mixer for S 42			
	39	During strike, run 18" (317 G) water into V-356			
	40	Turn on steam			
356	41	Adj to 23" (403 G) at 81-82°C			
	42	Pump PT mixture from S 38 thru undersurface distributor A F A P			
	43	Rinse PT with hot water form hot water mixer & pump in			
	44	Shut off pump			
	45	Stir 30 min at 81-82°C for S 54			
	46	Do not shut off agitator			
	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			
SV	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			

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EQUIPMENT		PAGE 3 CG 03 CODE KY-908-D (F) EST. WGT.	7606 LBS.	USE LBS.	N CODE	ACI LB
SV	11	Immediately open stearate pump discharge valve, turn on pump & Homog V-356 to SV at 2800-3100 psi. Maintain SV at 198-200°F				
cont'd		While Homog V-356 to SV, shut off water valve at stearate pump A S A P				
		When Homog complete, rinse in V-356 with hot water from hot water mixer				
		When S 56 complete, turn off Homog & stearate pump				
		Stir 5 min at 198-200°F				
		Shut off steam				
		Run in V-357 from S 32 & stir 5 min				
		Record: pH <u>3.1</u> (3.3-3.7)				
		If necessary, adj pH to 3.3-3.7 (Downward only) & Record: pH				15-A
		Run in N-7-D from S 34 in 4-6 min & stir 5 min				
		Record: pH <u>3.8</u> (4.2-4.4) & if necessary, adj to pH 4.2-4.4				
		& Record: pH <u>4.4</u>				
		(Dilute 10 parts water to 1 part N-7-D)		Assume 78%		27-D
		Siphon N-7-D into SV		Assume 50%	44	7-D 22
		Do not stop agitator				
Step		V-262 (20 RPM)	V-243, 244, 246, 247			
9		2"	4"			
18		21"	42"			
START		FINISH	OPTR			
3:00 PM		10:20 PM	144-237			

2961

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