

CG 03 CODE KY-787-D

PKG.

JAN 11 33749

EST. WGT. *1980* ~~2230~~ LBS.

570. HRS.

TIME

14 YC-2-B 93 4 Lot 23971, 2000#

14 YC-2-B 93 4 Lot 340F2, 3000#

14 YC-2-B 93 4 Lot 24171 , 1000#

Total Wgt ~~7230#~~ (REQ

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		

Homog # 4 - 1ST Pass
Improv # 4 - 2ND "
" # 3 - 2ND " NON-BLEED

SHIPMENT	NAME:	KROLOR® YELLOW MEDIUM	USE LBS.	N CODE	ACCT. LBS.
203	1	Run 50" (827 G) water into V-203 AND ADD	46	7-D	36
&	2	Weigh in drum & pour in	670	32-D	670
205	3	Dump in & stir 5 min	100 x 50	YC-2-B	5000
1		Record: Start 6:30 P.M. 22971	2000		
		Fin 8:30 P.M. 24082	2000		
		75" (1275 G) 24171	1000		
	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-205 Vol " & 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-			
2		Record: Time Start 4:00A Total Min 153			
		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 in into V-384 & pump to V-349	3830	32-D	3830
3	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: 08e 1.113 (15.2 ± 0.2) (1.113-1.117)			
SV	18	When S 11 Homog complete, adj SV to 26" (2100 G)			
4	19	Record: pH 10.8 & adj to 11.1-11.3 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	8	7-D	4
		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 19V °F & Rec 19V °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 2.970 #/Gal 59.1 Gal		27-D	573
386	23	Stir 15 min or longer			
5	24	Record: 08e 1.027 (4.1 ± 0.1) (1.027-1.028)			

V-262

QUIPMENT	PAGE 2	CG 03	CODE KY-787-D (S)	EST. WGT.	7230 LBS.	USE LBS.	N CODE	ACCT LBS.
SV 6	26	When S 20 heating complete, Record: pH <u>10.0</u> (9.6-10.2)						
	27	Set 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 Fin Min						
		V-343	12:40 PM	5:15 PM	8:15			
		V-349		4:30 PM	2:30			
		Record:	Time	V-343	V-349	SV	Normal	
				57 in	25 in	pH	pH	
		at 20 min	1:00 PM	(52) 55	(22) 24	9.8	9.3-10.0	
		40 min	1:20 PM	(48) 51	(20) 21	9.8	9.3-10.0	
		1 hr	1:40 PM	(43) 46	(18) 19	9.8	9.3-10.0	
		2 1/2 hrs	2:55 PM	(27) 32	(7) 11	9.8	9.3-10.0	
		3 1/2 hrs	4:10 PM	(10) 15	(0) 4	9.7	9.3-10.0	
		Finish	4:55 PM	(0) 0	0	7.6	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	30	Run 22" (431 G) water into V-330 & heat to 160-170°F						
7	31	Add in 12-13 min						
	32	Stir 5 min & Record: pH <u>10.2</u> (9.5-10.5)						
	33	Stir 20 min or longer to dissolve for S 46						
357	34	Run 29" (210 G) water into V-357 & heat to 135-140°F						
8	35	Dump in & stir to dissolve for S 42						
		350 15-A 350						
302	36	Run 36" (440 G) water into V-302						
9	37	Add & stir 2 min for S 44						
		Assume 50% 190-380 72-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	Sift in						
	42	Run in V-357 from S 35 & stir 5 min						
	43	Record: pH <u>3.5</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>9.0</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						
313	47	Run 15" (222 G) water into V-313 & dump in						
11	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>8.9</u> (9.0-10.0)						
	52	Stop agitator <u>Do not stop V-343</u>						
		Step	V-262 (20 RPM)	V-243, 244, 246, 247				
		9	2"	4"				
		18	26"	50"				
		START	11:00 PM	FIN	7:00 AM	OPTR	235-54	
			7:00 AM	3:00 PM			381.438	
			8:00 PM	6:30 PM			320-149	

