

243, 244, 246, 247, 262

C.V.

D.V.

CG 03 CODE KY-787-D PKG.

EST. WGT. 980 2230 LBS. JAN 12 33779

STD. HRS.

TIME

5 P.M.

14 YC-2-B 93 4 Lot 24079, 4000 g.
 14 YC-2-B 93 4 Lot 24078, 1000 g.
 14 YC-2-B 93 4 Lot _____, _____ #

6980

Total Wgt 2230# (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		

Some loss in yield
outlet valve kept open

FMENT		NAME	KROLOR® YELLOW MEDIUM	USE LBS.	N CODE	ACCT. LBS.
203	1	Run 50" (827 G) water into V-203				
&	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 5:00 AM	Lot 24079	4000		
		Fin 6:45 AM	24078	1000		
		75" (1275 G)				
	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 48 " & 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 3:00 AM, Total Min 120				
		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		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: OBE 11.5 (45.2 ± 0.2) (1.113-1.112)				
SV	18	When S 11 Homog complete, adj SV to 21" (2100 G)				
4	19	Record: pH 10.6 & adj to 11.1-11.3 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50% Siphon into SV & Record: pH 11.1		28	7-D	14
	20	Heat to 190-194°F in 35-45 min (V-262) or in 55-65 min (V-243, 244, 246, 247) & Record: HT _____ °F & Rec _____ °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	Water in from V-386 M 2, 9.70 #/Gal 59.1 Gal			27-D	573
386	23	Stir 15 min or longer				
5	24	Record: OBE 10.28 (4.1 ± 0.1) (1.027-1.028)				

RE

V-262

EQUIPMENT	PAGE 2	CG 03	CODE KY-787-D (S)	EST. WGT.	7230 LBS.	USE LBS.	N CODE	ACC LBS
SV	25	When S 20 heating complete, Record: pH <u>9.9</u> (9.6-10.2)						
6	26	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	7:00 A	11:25 AM	265			
		V-349		10:50 AM	230			
		Record:	Time	V-343	V-349	SV	Normal	
				in	in	pH	pH	
		at 20 min	7:20	(52) 52	(22) 22	9.8	9.3-10.0	
		40 min	7:40	(48) 50+	(20) 20+	9.8	9.3-10.0	
		1 hr	8:00 A	(43) 45+	(18) 18	9.8	9.3-10.0	
		2 1/2 hrs	9:15	(27) 32	(7) 10+	9.8	9.3-10.0	
		3 1/2 hrs	10:30 A	(10) 14	(0) 11/2	9.7	9.3-10.0	
		Finish	11:15 A	0	2	7.0	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				700	530-A	700
	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%				380	7-D	190
SV	38	When V-349 MTY, rinse in with minimum water then set pump to zero setting						
10	39	When V-343 MTY, rinse in with minimum water then turn off pump motor						
	40	Turn off steam						
	41	Stir in				250	128-A	250
	42	Run in V-357 from S 35 & stir 5 min						
	43	Record: pH <u>4.0</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>9.5</u> (9.0-9.5) & if necessary, adj to pH 9.0-9.5 & Record: pH Assume 78%					27-D	
		(Dilute 10 parts water to 1 part N-7-D) Assume 50%					7-D	
		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				270	20-A	270
11	48	Stir 5 min to dissolve for S 49						
SV	49	Run V-313 into SV in 15-20 min						
12	50	Stir 15 min						
	51	Record: pH <u>9.2</u> (9.0-10.0)						
	52	Stop agitator Don't stop V-262						
		Step	V-262 (20 RPM)	V-243, 244, 246, 247				
		9	2"	4"				
		18	28" 3/4	50" 1/2				
		START		FIN	OPTR			
			11:00 PM	8:16				
			3:00 PM	3:20-10:40				
				400-A				

