

243, 244, 246, 247, 262

C.V.

D.V.

CG.03 CODE KY-787-D PKG.

→ JAI - E 33657
EST. WGT. 1870 2230 LBS.

STD. HRS.

TIME

5 P^M

14 YC-2-B 93 4 Lot 24198 , 2000#
 14 YC-2-B 93 4 Lot 24200 , 2000#
 14 YC-2-B 93 4 Lot 24203 , 500#

6870 24062 500
 7230# (24069) 150
 24080 50

Total Wgt

NON-BLEEDING

IPMENT	NAME:	KROLOR® YELLOW MED	USE LBS.	N CODE	ACCT. LBS.
203	1	Run 50" (827 G) water into V-203			
&	2	Weigh in drum & pour in			
205	3	Dump in & stir 5 min	24280	670	32-D 670
1		Record: Start 8:30 PM	Lot	100 x 50	YC-2-B 5000
		Fin 10:35 PM	24198	40	
		75" (1375 G)	24200	40	
		Adj to 80" (1360 G)	24203	10	
		5 Pump V-203 thru Homog at 2400-2600 psi into V-205	24069	3	
		6 When V-203 MTY, wash color thru Homog at 1800-2200 psi using minimum water. Use Hot Water		1	
		7 Record: V-205 Vol 42" & adj to 54" (1900 G)			
		8 Inspect Homog strainer & clean if necessary		100	
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 1:20 PM Total Min 180			
		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
3	15	Run ±1000 # water into V-384 & pump to V-349	3450		3450
	16	Adj V-349 to 25" (1163 G) & stir 15 min or longer			
	17	Record: $\phi B_{11.101} (1.101 \pm 0.2) (1.100 - 1.103)$			
SV	18	When S 11 Homog complete, adj SV to 26" (2100 G)			
4	19	Record: pH 10.7 & adj to 11.1-11.3 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	20	7-D	10
		Siphon into SV & Record: pH 11.1			
	20	Heat to 190-194°F in 35-45 min (V-262) or in 55-65 min (V-243, 244, 246, 247) &			
		Record: HT 194 °F & Rec 187 °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 1, 9.70 #/Gal 54.1 Gal		27-D	573
386	23	Stir 15 min or longer			525
	24	Record: $\phi B_{10.24} (4.1 \pm 0.1) (1.024 - 1.025)$			

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 4-2nd Pass

V-262

EQUIPMENT	PAGE 2	CG 03	CODE KY-787-D (S)	EST. WGT.	7230	LBS.	USE	N	ACC
							LBS.	CODE	LBS
SV	25	When S 20 heating complete, Record: pH <u>10.0</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	6:15	10:45	2:70				
		V-349	6:15	9:55	2:20				
		Record:	Time	V-343	V-349	SV	Normal		
			6:15	58 in	25 in	pH	pH		
		at 20 min	6:35	(52) 53-	(22) +	9.9	9.3-10.0		
		40 min	6:55	(48) 49	(20) +	9.9	9.3-10.0		
		1 hr	7:15	(43) 44+	(18) +	9.9	9.3-10.0		
		2 1/2 hrs	8:30	(27) 28+	(7) 8+	9.8	9.3-10.0		
		3 1/2 hrs	9:45	(10) 12+	(0) 1	9.7	9.3-10.0		
		Finish	10:25	(0)		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>10.1</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					-250	128-A	250	
	42	Run in V-357 from S 35 & stir 5 min							
	43	Record: pH <u>3.7</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>9.3</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>9.1</u> (9.0-10.0)							
	52	Stop agitator							
		Step	V-262 (20 RPM)	V-243, 244, 246, 247					
		9	2"	4"					
		18	26"	50"					
		START	FIN	OPTR					
		7:00 AM	3:00 PM	3:22-10/					
		3:00 PM	11:00 PM	2:25-301					

