

62, 247

C.V.

D.V.

03 CODE KY-907-D PKG.

NOV 25 32342

EST. WGT. 2737 LBS.

STD. HRS. TIME 5: P M

14 YC-2-B 93 4 Lot 23170, 5650 #

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PROCESSES		APPROVED BY	
() KY-907-D	(F)	EWK	12-12-77
() Alternate	()	DCG	12-14-77
()	()	MTW	12-15-77
()	()	FWP	02-13-79
TYPED BY			
emw021479			

NOV 25 1979

Total Wgt 8387# (Req)

NON-BLEEDING

MENT	NAME: KROLOR® YELLOW MEDIUM	USE LBS.	N CODE	ACCT. LBS.
203	1 Run 50" (827 G) water into V-203			
203	2 Weigh in drum & pour in	790	32-D	790
1	2 Dump in & stir 5 min	113 x 50	YC-2-B	5650
	Record: Start 4:15 PM	23170		
	Fin 6:30 PM	5650		
	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) water into V-262 & install temp chart & start agitator			
2	10 Pump V-205 thru Homog at 4800-5200 psi into SV-262			
	Record: Time Start 12:15 PM Total Min 135			
	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" (284 G) water into V-349			
3	13 Run ± 1000# water into V-384 & heat to 110-120°F			
	14 Weigh into V-384 & pump to V-349	2150	32-D	2150
	15 Run ± 1000# water into V-384 & heat to 110-120°F			
	16 Weigh into V-384 & pump to V-349	2150	32-D	2150
	17 Run ± 1000# water into V-384 & pump to V-349			
	18 Adj V-349 to 25" (1163 G) & stir 15 min or longer			
	19 Record: 0Be 1.12 (16.7 ± 0.2) (1.126 - 1.130)			
SV 4	20 When S 11 Homog complete, adj SV to 31" (2100 G)			
	21 Record: pH 9.9 & adj to 11.1-11.3 using N-7-D diluted to 5% (10 parts water to 1 part N-7-D) Assume 50%	40	7-D	20
	Siphon into SV & Record: pH 11.2			
	22 Heat to 190-194°F in 35-45 min & Record: HT OF & Rec OF			
	NOTE: Strike must be started immediately on completion of heating			
SV 5	23 While heating SV, run 56" (1520 G) water into V-343			
	24 Meter in from V-386 M 76.958 #/Gal 67.5 Gal			27
	25 Stir 15 min or longer			
	26 Record: 0Be 1.031 (4.6 ± 0.1) (1.030 - 1.032)			

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COMPONENT	PAGE 2 CG 03 CODE KY-907-D (F) EST. WGT.	8387 LBS.	USE LBS.	N CODE	AC L.
SV	27 When S 22 heating complete, Record: pH 10.0 (9.6-10.2)				
6	28 Set V-343 acid pump at 69 setting (± 255 min)				
	29 Set V-349 silicate pump at 60 setting (± 210 min)				
	30 Immediately meter in V-343 & 349, maintain SV at 190-194°F during strike				
	31 Record:	Start	Fin	Min	
	V-343	4:40 AM	7:05 A	265	
	V-349	2:15 A	2:15		
	Record:	Time	V-343 in	V-349 in	SV pH Normal pH
	at 20 min	5:00 A	(52) 50	(22) 22	9.8 9.3-10.0
	40 min	5:20 A	(48) 48	(20) 20	9.8 9.3-10.0
	1 hr	5:40 A	(43) 44	(18) 19	9.8 9.3-10.0
	2 1/2 hrs	6:55 A	(27) 29+	(7) 8+	9.6 9.3-10.0
	3 1/2 hrs	8:10 A	(10) 12-	(0) +	9.7 9.3-10.0
	Finish	9:10 A	(0)	(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 8.5 & Record: pH Assume 78%				
	32 Sift in			300	27-D 128-A 300
357	33 Run 29" (257 G) water into V-357 & heat to 135-140°F				
7	34 Pump in & stir to dissolve for S 62			400	15-A 400
302	35 Add 24" (294 G) water to V-302				
8	36 Add & stir 2 min for S 64			140	7-D 70
	37 During strike pump in PT			760	169-A 760
9	38 Pump in			84	155-A 84
	39 Pump in			84	160-A 84
	40 Stir 10 min with lightning mixer for S 44				
356	41 During strike, run 20" (350 G) water into V-356				
1	42 Turn on steam				
	43 Add 26" (447 G) at 82°C				
	44 Pump mixture from S 40 thru undersurface distributor A F A P				
	45 Run with hot water from hot water mixer & pump in				
	46 Shut pump				
	47 Stir 30 min at 82°C for S 56				
	48 Do not shut off agitator				
SV	49 When V-349 MTY, rinse in with minimum water then set pump to zero setting				
11	50 When V-343 MTY, rinse in with minimum water then turn off pump motor				
	51 Heat to 198-200°F in 5-10 min				
	52 Close water line & discharge valves at stearate pump				
	53 Open V-356 discharge valves to stearate pump inlet				
	54 Open water valve at stearate pump & run water thru Homog at 2900-3100 psi to sewer				
	55 While Homog water at 2900 psi, open Homog discharge valve to SV & close valve				
	56 Immediately open stearate discharge valve, turn on pump & pump V-356 to SV at 2900-3100 psi				
	57 While pump V-356 to SV, shut off water valve at stearate				

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SHIPMENT	PAGE 3	CG 03 CODE KY-907-D (F) EST. WGT.	8387 LBS.	USE LBS.	N CODE	ACC LBS
SV 58	When Homog complete, rinse in V-356 with hot water from hot					
RI	water mixer					
ont: 59	When S 58 complete, turn off Homog & stearate pump					
60	Stir 5 min at 198-200°F					
61	Shut off steam					
62	Run in V-357 from S 34 & stir 5 min					
	Record: pH 3.3-3.7					
63	If necessary, adj pH to 3.3-3.7 (DOWNWARD ONLY) &					
	Record: pH				15-A	
64	Run in N-7-D from S 36 in 4-6 min & stir 5 min					
65	Record: pH 4.2-4.4 & if necessary, adj to pH 4.2-4.4 &					
	Record: pH 4.2				27-D	
	(Dilute 10 parts water to 1 part N-7-D)				7-D	
	Siphon N-7-D into SV					
66	Do not stop agitator					
Step	V-262 (20 RPM)	V-243, 244, 246, 247				
9	2"	4"				
20	21"	42"				
START P 6:30 P 6:00 PM 7:00 A FINISH P 7:10 PM 10:45 AM OPTR 101-120 37-344 235-259						