

CG 04 CODE KO-789-D PKG.

JAN 10 33724

AL WGT 509 4132 LBS.

10 MRS. 10.8 TIME

01 YC-16-B 93 4 Lot 31795 32442 700# 1350#

01 YC-16-B 93 4 Lot 31256 650#

01 YC-16-B 93 4 Lot 33477 750#

Total Weight 2609 5332# (Req 0532)

D.V:

PROCESSES		APPROVED BY	
() KO-789-D	(I)	EWK 09-21-76	
()	()	DCG 09-21-76	
()	()	MTW 10-02-76	
()	()	FWP 02-05-79	
TYPED BY			
emw020579			

NON-BLEEDING

NAME: KROLOR® ORANGE Y		USE LBS.	N CODE	ACCT. LBS.
211	1 Run 60" (990 G) water into V-211			
&	2 Weigh in drum & pour in	265 530	32-D	530 265
208	3 Dump in & stir 5 min	Lot 42 84 x 50	YC-16-B	4200 2100
1	Record: Start 9: P.M.	32442		
	Fin 10:15 P.M.	33477		
	4 Adj to 70" (1200 G)	2800-3200		
	5 Pump V-211 thru Homog #2 at 1800-2200 psi into V-208			
	6 When V-211 MTY, wash color thru Homog at 1800-2200 psi using minimum water. Use Hot Water			
	7 Record: V-208 Vol 34" & adj to 54" (1890 G)			
	8 Inspect Homog strainer & clean if necessary			
208	9 Run 10" (514 G) water into V-208 & start agitator & install temperature chart			
SV	10 Pump V-208 thru Homog at 4800-5200 psi into SV			
2	Record: Time Start 1045, Total Min 130			
	NOTE: If homog pressure falls below 4800 psi, 3-way valve will recirculate slurry to V-208			
	11 When V-208 MTY, run in 5" (240 G) water & pump thru Homog at 4800-5200 psi. Rinse in using Hot Water			
340	12 While Homog, run 6" (284 G) water into V-349			
&	13 Run ± 1000# water into V-384 & heat to 110-120°F	1272		1272
384	14 Weigh into V-384 & pump to V-349	2930	32-D	2930
3	15 Run ± 1000# water into V-384 & pump to V-349			
✓	16 Adj V-349 to 30" (1400 G) & stir 15 min or longer			
✓	17 Record: Obs 1.030 (10.0 ± 0.2) (1.029-1.032)			
SV	18 When S 10 Homog complete, adj SV to 45" (2300 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%	14	7-D	7
✓	Siphon N-7-D into SV & Record: pH 11.3			
✓	20 Heat to 190-194°F in 55-65 min & Record: HT 194 OF & Rec 194 OF			
	NOTE: Strike must be started immediately on completion of heating			
348	21 While heating SV, run 70" (1920 G) water into V-343			
81	22 Meter in from V-386 M 2, 9.70 #/Gal 20.1 Gal		27-D	440
386	23 Stir 15 min or longer			195
5	24 Record: Obs 1.006 (2.5 ± 0.1) (1.005-1.007)			

Homog #2

(Signature)

V-245

MPMENT	PAGE 2 CG 04 CODE K0-789-D (I) EST. WGT.	5332 LBS.	USE LBS.	N CODE	ACCT. LBS.	
SV 25	When S' 20 heating complete, Record: pH 10.0 (9.6-10.2)					
6 26	Set V-343 acid pump at 86 setting (± 255 minutes)					
27	Set V-349 silicate pump at 72 setting (± 210 minutes)					
28	Immediately meter in V-343 & V-349. Maintain SV at 190-194°F during strike					
29	Record:	Start	Fin	Min		
	V-343	2:45	7:05 P	260		
	V-349	2:45	6:30	215		
	Record:	Time	V-343	V-349	SV	Normal
			in	in	pH	pH
	at 20 min	3:05	(66) 67	(27) 27	9.9	9.3-10.0
	40 min	3:25	(60) 60+	(24) 24	9.9	9.3-10.0
	1 hr	3:45	(55) 55+	(21) 21	9.9	9.3-10.0
	2 1/2 hrs	5:00	(34) 34	(11) 11	9.9	9.3-10.0
	3 1/2 hrs	6:15	(13) 13	(0) 10	9.9	9.3-10.0
	Finish	7:00	(0) 0	—	8.3	7.5- 8.5
	NOTE: If pH drops below 9.3 in 1st hr, stop pumps & see Supervisor. If final pH is above 8.5, adj to 7.5-8.5 & Record: pH Assume 77%					27-D
357 30	Run 33" (238 G) water into V-357 & heat to 135-140°F					
7 31	Dump in & stir to dissolve			265 530	15-A 530	
302 32	Add 42" (514 G) water to V-302					
8 33	Add & stir 2 min			Assume 50% 164 330	7-D 16582	
SV 34	When V-349 MTY, rinse in with minimum water then set pump at zero setting					
9 35	When V-343 MTY, rinse in with minimum water then turn off pump motor					
36	Stir 30 min at 190-194°F then turn off steam					
	Record: Start 7:05 PM					
37	Run in V-357 from S 31 & stir 5 min					
38	Record: pH 3.2 (3.4-3.8) & if necessary, adj (DOWN ONLY) to 3.4-3.8 & Record: pH				15-A	
	NOTE: Dissolve extra N-15-A in water at 135-140°F in drum, use ±30 G water to 50# N-15-A. Stir SV 5 min after each addition					
39	Run in N-7-D from S 33 in 10-12 min & stir 5 min					
40	Record: pH 5.3 (6.2-6.4) & if necessary, adj to pH 6.2-6.4 & Record: pH 6.2			Assume 77%	27-D	
	(Dilute 10 parts water to 1 part N-7-D)			Assume 50%	7-D 5	
	Siphon N-7-D into SV					
41	Pour in & stir 15 min			12 25	978-A 12 25	
42	Stop agitator					
	START	FIN	OPTR			
	11:00 PM	7:00 PM	235-259			
	7: AM	3: PM	223-282			
	3:00 PM	8:15 PM	22-237			



