

DATE: 12/03/2017

CLIENT: KOEL COLOURS PVT. LTD.

JOB: Batch electrical tray dryer.

PROCESS: Colour ink pigments drying (Batch Process)

PROCESS PARAMETERS:

;	3.5KW				
1	16 Hours				
:	6 hours 60°C as	nours 60°C and after 6 hours 65°C			
÷	4 Nos.	4 Nos.			
:	Tray 1	22*17*1.25			
	Tray 2	22*17*1.25			
	Tray 3	22*17*1			
	Tray 4	22*17*1			
3	2.25 inche	S			
;	Tray 1	4.019			
	Tray 2	3.979			
	Tray 3	3.549			
	Tray 4	3.555			
		16 Hours 6 hours 60°C au 4 Nos. Tray 1 Tray 2 Tray 3 Tray 4 2.25 inche Tray 1 Tray 2 Tray 2 Tray 2 Tray 3			

TRIAL SETUP:

Trays are arranged upside down as tray 1, tray 2, tray 3 and tray 4.



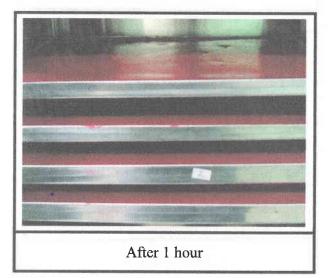
THIS IS THE PROPRIETARY OF KERONE ENGINEERING SOLUTION AND IS FOR THE SOLE USE OF THE IDENTIFIED PROJECT. ANY UNAUTHORIZED USE, DISCLOSURE, COPYING AND ANY OTHER MEANS OF DUPLICATION IS PROHIBITED. AS PER COPYRIGHT ACT

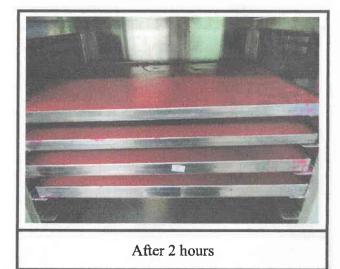


TRIAL READINGS AND OBSERVATIONS:

Sr.	Time	Chember Temperature(⁰ C)	Pro	duct Terr	perature	Olementing	
No.			Tray 1	Tray 2	Tray 3	Tray 4	Observations
1	After 6 hours	60	40.6	38.2	41.4	42.8	Partially dry and soft.
Afte		ber setting tempera 0°C and after 6 hou					o 1st 6 hours setting temperature berature is 65° C.
2	After 8 hours	67	43.6	42.4	43.6	44	In 1st & 4th tray, colour at corner plates starts changing into pink.
3	After 10 hours	65	43.8	42.4	42.2	45.2	Appearance of Pink colour shade increases in all trays & white colour shade started appearing.
4	After 12 hours	64	44.2	41.4	53.4	43.8	Material dried & pink colour shade increses more with white shade.
5	After 14 hours	67	50.6	53.6	50.2	57.2	Material becomes spongy and brittle.
6	After 16 hours	65	56.8	54.4	62.8	59.6	Material becomes more spongy and more brittle, no drastic change.

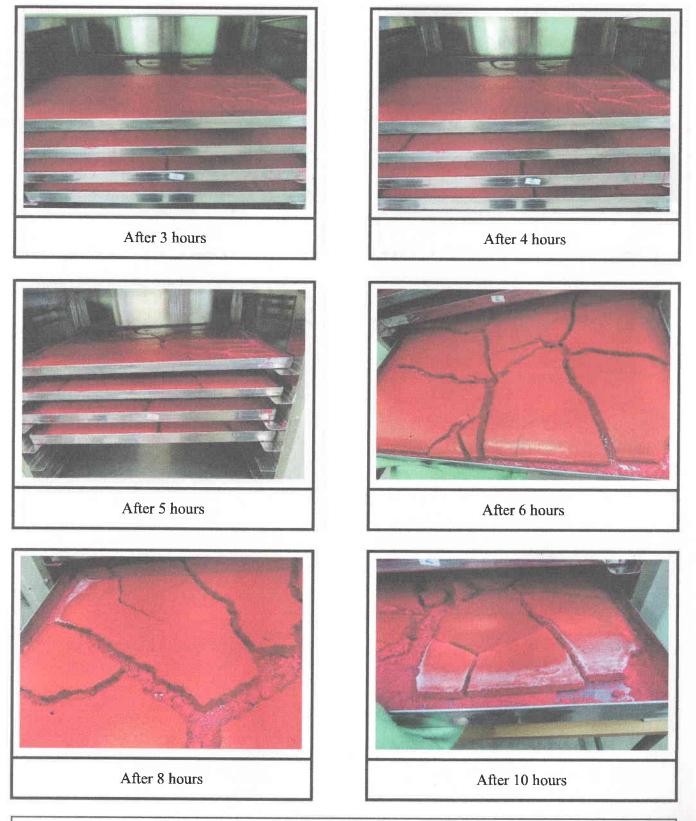
TRIAL PICTURES:





THIS IS THE PROPRIETARY OF KERONE ENGINEERING SOLUTION AND IS FOR THE SOLE USE OF THE IDENTIFIED PROJECT. ANY UNAUTHORIZED USE, DISCLOSURE, COPYING AND ANY OTHER MEANS OF DUPLICATION IS PROHIBITED. AS PER COPYRIGHT ACT





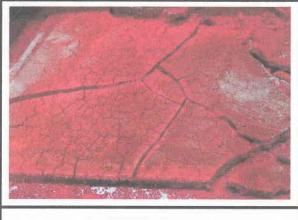
THIS IS THE PROPRIETARY OF KERONE ENGINEERING SOLUTION AND IS FOR THE SOLE USE OF THE IDENTIFIED PROJECT. ANY UNAUTHORIZED USE, DISCLOSURE, SOPYING AND ANY OTHER MEANS OF DUPLICATION IS PROHIBITED. AS PER COPYRIGHT ACT







After 14 hours



After 16 hours

KKomal

MISS. KOMAL BHOITE TESTING INCHARGE

MR. GAURAV MESTRY CHECKED BY

THIS IS THE PROPRIETARY OF KERONE ENGINEERING SOLUTION AND IS FOR THE SOLE USE OF THE IDENTIFIED PROJECT. ANY UNAUTHORIZED USE, DISCLOSURE, COPYING AND ANY OTHER MEANS OF DUPLICATION IS PROHIBITED. AS PER COPYRIGHT ACT