

Site:Cambridge

ProcessPowder Coat Chair

Data Collection Details:

Created By
Number of Probes
Sample Interval
Data Loaded
Collection Started
Max. Internal Temp.
Logger
Logger ID
Operator
Process
Time Printed

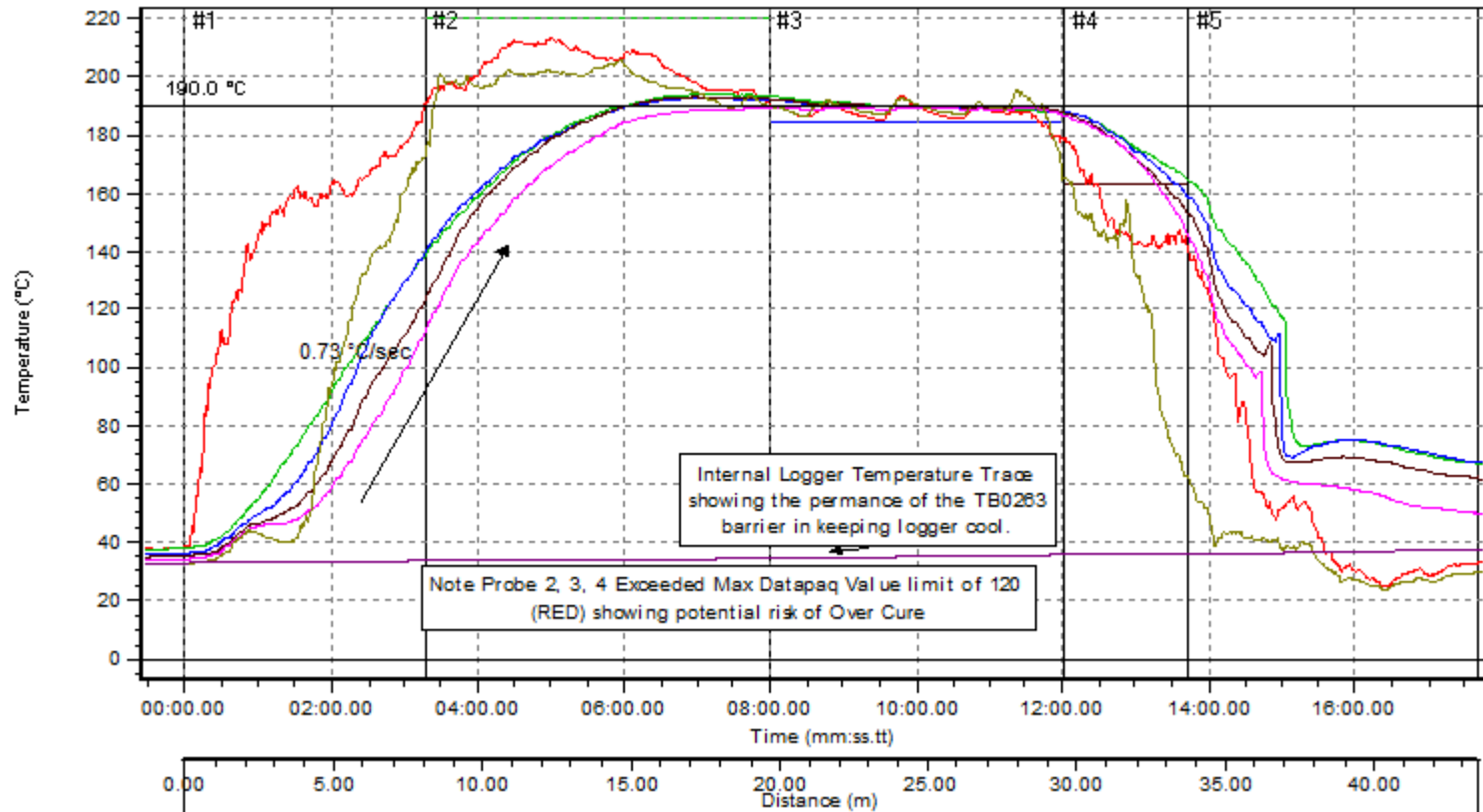
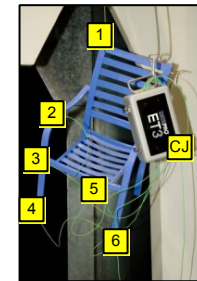
Download
7
0:01.00 (mm:ss.tt)
7/28/2016 12:23:41PM
7/28/2016 11:30:46AM
37.6 °C
Datapaq ET3
#125536
2
Powder Coat Chair
7/29/2016 11:14:50AM

Notes:

Powder Coating Oven Run performed with the Datapaq EasyTrack3 Professional system. System provides Multi-run capability and unique SmartPaq feature showing run PASS/FAIL direct from logger post run at the oven exit before download to PC. Datapaq Value used to accurately quantify cure directly against powder coating suppliers specifications .
Datapaq Value Pass Criteria DPV >80 <120



Probe Map:



Line Speed:	Zone:	#1	#2	#3	#4	#5
2.460 (m/min)	Length (m):	8.10	11.59	9.86	4.24	9.71
	Upper Set Point (°C):	0.0	220.0	185.0	163.0	0.0
	Lower Set Point (°C):	0.0	220.0	185.0	163.0	0.0

Probe	Datapaq Value (Cure Schedule 1)				Maximum / Minimum		Time at Temperature		Peak Difference			
	Min Temp 170.0 Max Temp 210.0°C											
	180.0°C 10:00.00 (mm:ss.tt)	190.0°C 06:00.00 (mm:ss.tt)	200.0°C 04:00.00 (mm:ss.tt)	Datapaq Value	Maximum (°C)	Max. Reached (mm:ss.tt)	Time Above 190.0°C (mm:ss.tt)	Time To Reach 190.0°C (mm:ss.tt)		Peak Difference (°C)	Time Reached (mm:ss.tt)	
#1 (°C) Air Top	08:46.00	05:13.00	02:51.00	205	213.4	05:01.00	05:13.00	03:16.00		162.0	121.1	01:31.00
#2 (°C) Chair Arm Left	07:44.00	04:12.00	00:00.00	137	193.8	06:59.00	04:12.00	06:00.00				
#3 (°C) Chair Seat Left	07:41.00	03:30.00	00:00.00	133	192.7	07:01.00	03:30.00	06:07.00				
#4 (°C) Chair Leg Left	07:31.00	04:07.00	00:00.00	131	193.1	07:01.00	04:07.00	06:03.00				
#5 (°C) Chair Seat Middle	06:55.00	00:00.00	00:00.00	112	189.3	07:55.00	00:00.00	***		40.9		
#6 (°C) Air Bottom	08:29.00	05:45.00	01:59.00	173	205.5	05:57.00	05:45.00	03:25.00				
CJ (°C) Logger Internal Temp	00:00.00	00:00.00	00:00.00	0	37.6	17:29.00	00:00.00	***				

SmartPaq Parameters									
Datapaq Value									
LOW		MID		HIGH		Min Temp. (°C)	Max Temp. (°C)	Pass/Fail Limits	
Temp.	Time	Temp.	Time	Temp.	Time			Minimum	Maximum
180.0	10:00.00	190.0	06:00.00	200.0	04:00.00	170.0	210.0	80	120
Time at Temperature						Maximum Temperature (°C)			
	Threshold (°C)	Pass/Fail Limits (mm:ss.tt)							
		Minimum	Maximum						
1	30.0	00:10.00	00:30.00						

Alarms			
	Analysis	Probe	Alarm Description
1	Datapaq Value	#2	#1: Datapaq Value is greater than the maximum (137 > 120)
2	Datapaq Value	#3	#1: Datapaq Value is greater than the maximum (133 > 120)
3	Datapaq Value	#4	#1: Datapaq Value is greater than the maximum (131 > 120)

Alarm Parameters				
	Analysis	Alarm Condition	Limit	Probe
1	Datapaq Value	Datapaq Value is greater than	120	#2 - #5
2	Datapaq Value	Datapaq Value is less than	80	#2 - #5
3	Maximum / Minimum	Temperature (°C) is greater than	210.0	#2 - #5