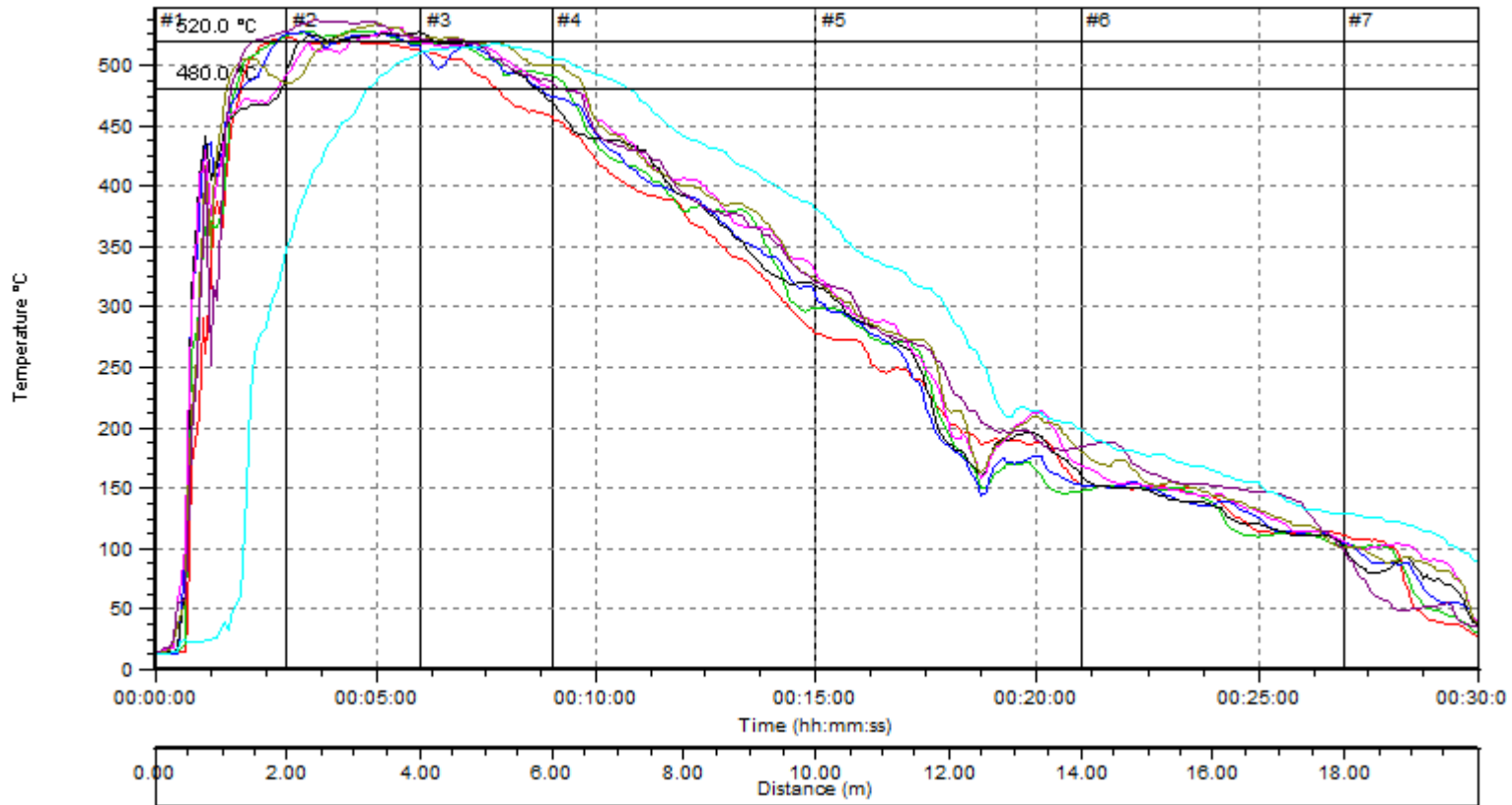


Site: Cambridge

Process: Annealing

Product: lehr new

Data Collection Details:



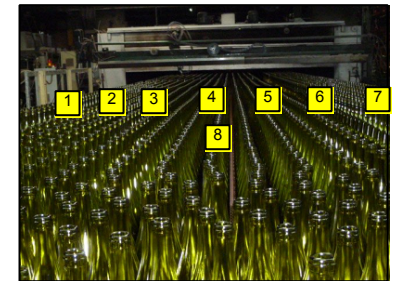
Created By: Download  
 Number of Probes: 8  
 Sample Interval: 0:05:00 (mm:ss.t)  
 Data Loaded: 16/06/2011 12:09:00  
 Collection Started: 16/06/2011 11:24:00  
 Max. Internal Temp.: 71.0 °C  
 Logger ID: #1382  
 Operator: EEC  
 Process: Annealing  
 Furnace:  
 Recipe:  
 Product: lehr new  
 Time Printed: 17/06/2011 08:58:11

Notes:

Number 8 probe lags in time behind other probes. Use probe alignment to align with other probes, if required.



Probe Map:



Line Speed:	Zone:	Zone #1	Zone #2	Zone #3	Zone #4	Zone #5	Zone #6	Zone #7
0.67 m/min	Length (m):	2.00	2.00	2.00	4.00	4.00	4.00	2.00
	Upper (°C):	0.0	0.0	0.0	0.0	0.0	0.0	0.0
	Lower (°C):	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Probe	Maximum / Minimum				Time at Temperature				Slopes		Peak Difference		Area Under Curve	
	Maximum (°C)	Max. Reached (hh:mm:ss)	Mean (°C)	Deviation From 0.0°C	Time Above 520.0°C (hh:mm:ss)	Time To Reach 520.0°C (hh:mm:ss)	Time Above 480.0°C (hh:mm:ss)	Time To Reach 480.0°C (hh:mm:ss)	Positive Slope (°C/min)	Mean Slope (°C/min)	Peak Difference (°C)	Time Reached (hh:mm:ss)	Area (°C)hr	Area (Zoom) (°C)hr
#1 (°C)	523.2	00:02:55	283.4	+523.2	00:00:45	00:02:40	00:05:50	00:02:00	498.10	-14.72	486.7	00:01:40	138.11	136.60
#2 (°C)	528.0	00:04:35	290.7	+528.0	00:02:55	00:02:50	00:07:35	00:01:50	571.85	-15.63			141.85	140.27
#3 (°C)	526.7	00:03:20	291.9	+526.7	00:02:35	00:02:50	00:06:45	00:02:00	674.93	-15.66			142.58	140.88
#4 (°C)	526.8	00:06:00	293.1	+526.8	00:03:00	00:03:20	00:05:50	00:02:55	699.32	-15.42			143.12	141.49
#5 (°C)	530.0	00:05:30	301.0	+530.0	00:01:30	00:04:35	00:06:45	00:02:45	639.32	-15.03			147.28	145.42
#6 (°C)	534.1	00:05:00	303.5	+534.1	00:03:10	00:04:00	00:08:05	00:01:40	576.57	-15.10			148.36	146.67
#7 (°C)	536.9	00:03:40	301.7	+536.9	00:04:35	00:02:20	00:07:35	00:01:45	539.44	-15.36			147.53	145.81
#8 (°C)	516.7	00:07:40	297.1	+516.7	00:00:00	***	00:06:00	00:04:50	391.37	-9.08			33.7	146.27



Site: Cambridge

Process: Annealing

Product: lehr new

## Alarms

	Analysis	Probe	Alarm Description
1	Maximum / Minimum	#2	Measurement (°C) is greater than the maximum (528.0 > 527.0)
2	Maximum / Minimum	#5	Measurement (°C) is greater than the maximum (530.0 > 527.0)
3	Maximum / Minimum	#6	Measurement (°C) is greater than the maximum (534.1 > 527.0)
4	Maximum / Minimum	#7	Measurement (°C) is greater than the maximum (536.9 > 527.0)