

Job: 18-001

Profile:

APPLE 525 +400 1105 material

DATE: 10-Mar-23

Furnace SierraTherm 12-Zone
Model 1K14-150C72-12A sn 7289

Furnace Criteria

480 15 480 Ag 4.5
525 Ap 5.0
400 Ap 5.0

	MIN deg C	MAX deg C	DURATION minutes
Min	525	15	
Min	400	15	

Sample	Dia	High
round disc	8"	
TOTAL		

SierraTherm Process Configuration

Section	LOAD	COLL	1	2	3	EXH	4	5	6	7	8	9	10	11	12	TRANS	COOL1	COOL2	EXIT	UNLOAD
Start		0	11	29.25	41.75	52	55.25	67.75	80.25	92.75	105.25	117.75	130.3	142.8	155.3	167.75	194	217	236	
Length	24	11	18.25	12.5	10.25	3.25	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	26.25	23	19	8	24
End		11	29.25	41.75	52	55.3	67.75	80.25	92.75	105.25	117.75	130.25	142.8	155.3	167.8	194	217	236	244	292

244/8 =
244/505 45 min

Profile	Time	ENTR COLL & BURNOUT	ZONE			POWER SETTINGS												BELT	FLOWMETER SETTINGS					Time	COMMENT	
			1 deg C	2 deg C	3 deg C	ZONE 4 deg C	ZONE 5 deg C	ZONE 6 deg C	ZONE 7 deg C	ZONE 8 deg C	ZONE 9 deg C	ZONE 10 deg C	ZONE 11 deg C	ZONE 12 deg C	SPEED in/minute	Entrance Collector SCFH	Burnout Section SCFH	Exhaust Stack IN H2O	Cooling 1 SCFH	Cooling 2 SCFH	Above deg C					
525			450	525	520	480	485	485	490	490	495	500	450	400	4.5											
525			450	550	545	505	510	510	515	515	520	400	320	270	4.5											
400			450	425	420	390	345	395	400	400	405	380	300	250	4.5											
Run 1	10:10		450	550	545	505	510	510	515	515	520	460	400	350	4.5											
Run 3	11:07		450	545	535	505	510	510	515	515	520	460	400	360	5.5											
Run 4	11:58		450	555	540	505	510	510	515	515	520	470	410	380	5.5											
Run 5	FINAL		450	560	540	505	510	510	515	515	520	470	410	380	5.0	537	16:16	13:42	32						525 Ap 5.0	
Run 6																										
Run 7																										
Run 8	400		440	460	425	390	400	390	400	400	400	400	365	330	5.5/6.4											
Run 9	400 B-03		440	460	425	395	400	395	400	400	390	405	365	330	5.0	416	13:05									400 Ap 5.0, rep
Run 10																										
Run 11																										
Run 12																										
Run 13																										
Run 14																										
Run 15																										