

ARGONNE NATIONAL LABORATORY EXTRUSIONS:

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ADDITIONAL PROCESSING WITH THE TEMPERATURE
ELEVATED TO EIGHTY-FIVE DEGREES

20 hour (10 + 10 = 20 total) 220 Aluminum Oxide grit cycle

1st FLOW (220 grit)

Extrusion Serial Number: 46

AFM Machine used: HL-20

First Flow Direction (Upstream closest to machine): HS (employee initial)

Re-Set Machine *Media Cycle Timer* to "0": HS (employee initial)

Date/Time Started: 12-3-07 9:55am (employee initial) HS

Machine *Media Cycle Timer* reading @ stop/end: 10+15 (employee initial) PS

NOTE: Must be 10 hours +15/- zero minutes

2nd FLOW (220 grit)

Extrusion Serial Number: 46

AFM Machine used: HL 20

Second Flow Direction (Downstream closest to machine): PS (employee initial)

Machine *Media Cycle Timer* reading @ start/beginning: PS (employee initial)

Date/Time Started: 12-3-07 10:15 PM (employee initial) PS

Machine *Media Cycle Timer* reading @ stop/end: 20+14 (employee initial) HS

NOTE: Must be 20 hours +30/- zero minutes

Type of Media Used: D-300-220 A (50) N13

Batch # of Media: 452994-01

Machine: HL20 S/N #2672

Certificate No: 102607-01

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**ADDITIONAL PROCESSING WITH THE TEMPERATURE
ELEVATED TO EIGHTY-FIVE DEGREES**

10 hour (5 + 5 = 10 total) 400 Aluminum Oxide grit cycle

1st FLOW (400 grit)

Extrusion Serial Number: 46
AFM Machine used: HL-20
First Flow Direction (Upstream closest to machine): HS (employee initial)
Re-Set Machine *Media Cycle Timer* to "0": HS (employee initial)
Date/Time Started: 12-7-07 11:45 (employee initial) HS
Machine *Media Cycle Timer* reading @ stop/end: 5 hrs (employee initial) HS

NOTE: Must be 5 hours +15/- zero minutes

2nd FLOW (400 grit)

Extrusion Serial Number: 46
AFM Machine used: HL-20
Second Flow Direction (Downstream closest to machine): HS (employee initial)
Machine *Media Cycle Timer* reading @ start/beginning: 5 hr (employee initial) HS
Date/Time Started: 12-7-07 10:10 AM (employee initial) HS
Machine *Media Cycle Timer* reading @ stop/end: 10 (employee initial)

NOTE: Must be 10 hours +30 +/- zero minutes

Type of Media Used: D-300-400 (50" NX-3)

Batch # of Media: 45121-01

MACHINE: HL20 S/N #2672

Certificate # 101207-06

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20 hour (10 + 10 = 20 total) 220 Aluminum Oxide grit cycle

1st FLOW (220 grit)

Extrusion Serial Number: #46

AFM Machine used: HL-20

First Flow Direction (Upstream closest to machine): G (employee initial)

Re-Set Machine *Media Cycle Timer* to "0": G (employee initial)

Date/Time Started: 2:30 pm 11/10/07 G (employee initial)

Machine *Media Cycle Timer* reading @ stop/end: 16:15 (employee initial) G

NOTE: Must be 10 hours +15/- zero minutes

2nd FLOW (220 grit)

Extrusion Serial Number: #46

AFM Machine used: HL20

Second Flow Direction (Downstream closest to machine): G (employee initial)

Machine *Media Cycle Timer* reading @ start/beginning: _____ (employee initial)

Date/Time Started: 11/11/07 1:00 AM G (employee initial)

Machine *Media Cycle Timer* reading @ stop/end: 20:30 (employee initial) CMJ

NOTE: Must be 20 hours +30/- zero minutes

Machine: HL 20 9/11 HL 2672

Media: D300-220A(50) NYL(3)

Batch No: 45294-01

Certificate No: 102607-01

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10 hour (5 + 5 = 10 total) 400 Aluminum Oxide grit cycle

1st FLOW (400 grit)

Extrusion Serial Number: _____

AFM Machine used: _____

First Flow Direction (Upstream closest to machine): _____ (employee initial)

Re-Set Machine *Media Cycle Timer* to "0": _____ (employee initial)

Date/Time Started: _____ (employee initial)

Machine *Media Cycle Timer* reading @ stop/end: _____ (employee initial)

NOTE: Must be 5 hours +15/- zero minutes

2nd FLOW (400 grit)

Extrusion Serial Number: _____

AFM Machine used: _____

Second Flow Direction (Downstream closest to machine): _____ (employee initial)

Machine *Media Cycle Timer* reading @ start/beginning: _____ (employee initial)

Date/Time Started: _____ (employee initial)

Machine *Media Cycle Timer* reading @ stop/end: _____ (employee initial)

NOTE: Must be 10 hours +30 /- zero minutes