



| | |
|-----------------|------------|
| Item ID: | LA-7801-25 |
| Revision Level: | |
| Revision Date: | |

| | |
|--------|---------------------------------------|
| Title: | Material Specificaiton for LA-7801-25 |
|--------|---------------------------------------|

| Chemical Compositon Requirements (By weight percent) | | | |
|---------------------------------------------------------|---------|---------|--------|
| Element | Minimum | Maximum | Target |
| Aluminum | 4.00% | 5.50% | 4.75% |
| Boron | - | - | - |
| Carbon | - | - | - |
| Chromium | - | - | - |
| Cobalt | - | - | - |
| Free Carbon | - | - | - |
| Iron | - | - | - |
| Manganese | - | - | - |
| Molybdenum | - | - | - |
| Nickel | 94.50% | 96.00% | 95.25% |
| Oxygen | - | - | - |
| Silicon | - | - | - |
| Sulfur | - | - | - |
| Tungsten | - | - | - |
| Vanadium | - | - | - |

| Rotap Sizing Requirements (Weight Percent Per ASTM B214) | | | | |
|-------------------------------------------------------------|---|----------|--------|-------|
| U.S. Mesh | | | Min. | Max. |
| Passing Sieve X Retained | | | | |
| | | 140 Mesh | - | - |
| 140 Mesh | X | 170 Mesh | - | - |
| 170 Mesh | X | 200 Mesh | - | - |
| 200 Mesh | X | 230 Mesh | - | 0.00% |
| 230 Mesh | X | 270 Mesh | - | 1.00% |
| 270 Mesh | X | 325 Mesh | - | 5.00% |
| 325 Mesh | X | D | 95.00% | - |

| Sub-Sieve Sizing Requirements (Volume Percent Per ASTM B822) | | |
|-----------------------------------------------------------------|-----|-------|
| Micron Channel | Min | Max |
| -15 μ | - | 5.00% |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |

| Physical Properties Requirements | | |
|----------------------------------|---------|---------|
| Testing Procedure | Minimum | Maximum |
| Hall Flow (per ASTM B213) | - | - |
| Apparent Density (per ASTM B212) | - | - |
| Mean Value (per ASTM B222) | - | - |
| D10 (per ASTM B222) | - | - |
| D50 (per ASTM B222) | - | - |
| D90 (per ASTM B222) | - | - |

Quality Manager:

Operations Manager:

General Manager: