



Item ID: LA-4781-13

Revision Level:

Revision Date:

**Title:** Material Specificaiton for LA-4781-13

Chemical Compositon Requirements (By weight percent)			
Element	Minimum	Maximum	Target
Aluminum	8.00%	12.00%	10.00%
Boron	-	-	-
Carbon	-	-	-
Chromium	-	-	-
Cobalt	-	-	-
Free Carbon	-	-	-
Iron	-	-	-
Manganese	-	-	-
Molybdenum	-	-	-
Nickel	36.00%	-	36.00%
Oxygen	-	-	-
Silicon	-	-	-
Sulfur	-	-	-
Tungsten	-	-	-
Vanadium	-	-	-

Rotap Sizing Requirements (Weight Percent Per ASTM B214)					
U.S. Mesh		Min.	Max.		
Passing Sieve	X Retained				
	100 Mesh	-	0.50%		
100 Mesh	X 120 Mesh	-	-		
120 Mesh	X 140 Mesh	-	10.00%		
140 Mesh	X 230 Mesh	-	-		
230 Mesh	X 270 Mesh	-	-		
270 Mesh	X 325 Mesh	74.50%	-		
325 Mesh	X D	-	-		

Sub-Sieve Sizing Requirements (Volume Percent Per ASTM B822)			
Micron Channel	Min	Max	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	
-	-	-	

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: