



Item ID:	LA-7981-17.2
Revision Level:	
Revision Date:	

Title:	Material Specificaiton for LA-7981-17.2
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Chemical Compositon Requirements (By weight percent)			
Element	Minimum	Maximum	Target
Aluminum	6.00%	7.50%	6.75%
Boron	-	-	-
Carbon	-	-	-
Chromium	7.50%	11.50%	9.50%
Cobalt	-	-	-
Free Carbon	-	-	-
Iron	4.00%	6.20%	5.10%
Manganese	-	-	-
Molybdenum	4.00%	6.50%	5.25%
Nickel	-	-	-
Oxygen	-	-	-
Silicon	-	-	-
Sulfur	-	-	-
Tungsten	-	-	-
Vanadium	-	-	-

Rotap Sizing Requirements (Weight Percent Per ASTM B214)				
U.S. Mesh Passing Sieve X Retained			Min.	Max.
		140 Mesh	-	2.50%
140 Mesh	X	170 Mesh	-	-
170 Mesh	X	200 Mesh	-	-
200 Mesh	X	230 Mesh	-	-
230 Mesh	X	270 Mesh	-	-
270 Mesh	X	325 Mesh	87.50%	-
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: