



Item ID:	LA-RN01S-25
Revision Level:	
Revision Date:	

Title:	Material Specifcaiton for LA-RN01S-25
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Chemical Compositon Requirements (By weight percent)			
Element	Minimum	Maximum	Target
Aluminum	-	-	-
Boron	-	-	-
Carbon	7.00%	12.00%	9.50%
Chromium	58.00%	-	58.00%
Cobalt	-	-	-
Free Carbon	-	-	-
Iron	-	2.00%	1.00%
Manganese	-	0.50%	0.25%
Molybdenum	-	-	-
Nickel	15.00%	20.00%	17.50%
Oxygen	-	-	-
Silicon	-	0.50%	0.25%
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	94.00%	-		

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: