



Item ID:	LA-CRN1-19
Revision Level:	
Revision Date:	

Title:	Material Specification for LA-CRN1-19
--------	---------------------------------------

Chemical Composition Requirements (By weight percent)			
Element	Minimum	Maximum	Target
Aluminum	-	-	-
Boron	-	-	-
Carbon	9.50%	-	9.50%
Chromium	69.00%	71.00%	70.00%
Cobalt	-	-	-
Free Carbon	-	-	-
Iron	-	0.80%	0.40%
Manganese	-	0.65%	0.33%
Molybdenum	-	-	-
Nickel	19.00%	20.00%	19.50%
Oxygen	-	-	-
Silicon	-	0.50%	0.25%
Sulfur	-	-	-
Tungsten	-	-	-
Vanadium	-	-	-

Rotap Sizing Requirements (Weight Percent Per ASTM B214)				
U.S. Mesh Passing Sieve X Retained			Min.	Max.
		140 Mesh	-	0.80%
140 Mesh	X	170 Mesh	-	11.50%
170 Mesh	X	200 Mesh	-	-
200 Mesh	X	230 Mesh	-	-
230 Mesh	X	270 Mesh	-	-
270 Mesh	X	325 Mesh	-	-
325 Mesh	X	D	-	-

Sub-Sieve Sizing Requirements (Volume Percent Per ASTM B822)		
Micron Channel	Min	Max
-10 μ	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

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: