



**NIAGARA**  
SPECIALTY METALS

# MATERIAL CERTIFICATION

12600 Clarence Center  
Road Akron, NY 14001

## NJSB Tag No. 2047

**Description:**  
CPM MAGNACUT HRA DESCALED SHEARED SHEET  
.103/.113 x 23/25" RW x 36.000" Ex.  
Heat# P72855 - 5 Pieces

### Chemistry Analysis

<b>Heat Number:</b>	P72855		<b>Hardnes</b>		
<b>Carbon:</b>	1.160	<b>Manganese:</b>	0.490	<b>Phosphorus:</b>	0.015
<b>Silicon:</b>	0.400	<b>Chromium:</b>	10.740	<b>Vanadium:</b>	4.000
<b>Cobalt:</b>	0.010	<b>Molybdenum:</b>	2.000	<b>Nickel:</b>	0.160
<b>Sulphur:</b>	0.019	<b>Tungsten:</b>	0.120	<b>Titanium:</b>	
				<b>Copper:</b>	0.100
				<b>Niobium:</b>	2.012
				<b>Nitrogen:</b>	0.220
				<b>Aluminum:</b>	

### Remarks

Chemistry as per CI SPECIFICATION REV-1  
Country of origin: USA

Federal ID #: 16-1179936

General Manager/Quality

We provide material that is free from mercury contamination and radiation at the time of shipment No weld repair is done.  
We are compliant with EU directive 2002/95/EC (ROHS), REACH, EN 10204 2004 3.1 and DFARS  
252.225.7001,7002,7008,7009. Material is melted and manufactured in North America.

The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under federal statutes including Federal Law, Title 18,  
Chapter 47. The above are true and correct results of tests on samples of the material. Said results meet the specification(s) and are on record.