



MATERIAL CERTIFICATION

NIAGARA

SPECIALTY METALS

INDUSTRIAL QUALITY
100% CRYSTAL
STRUCTURE
PROCESSED
FOR
STRENGTH AND
DURABILITY

Customer: NJ STEEL BARON

Date of shipment: 04/24/2020

Production Order: 126811

NJSB TAG NO. 296

Grade: CPM 154-CM

Description: CPM 154 HRA DESCALED SHEARED SHEET
.140/.156" X 22/25" X 36"
500 POUNDS
HT# NP69234

Chemistry Analysis

NSM Heat Number: NP69234

Hardness:

Carbon:	<input type="text" value="1.070"/>	Manganese:	<input type="text" value="0.49"/>	Phosphorus:	<input type="text" value="0.017"/>	Copper:	<input type="text" value="0.080"/>
Silicon:	<input type="text" value="0.790"/>	Chromium:	<input type="text" value="13.500"/>	Vanadium:	<input type="text" value="0.270"/>	Niobium:	<input type="text"/>
Cobalt:	<input type="text" value="0.050"/>	Molybdenum:	<input type="text" value="4.040"/>	Nickel:	<input type="text" value="0.120"/>	Nitrogen:	<input type="text"/>
Sulphur:	<input type="text" value="0.016"/>	Tungsten:	<input type="text" value="0.120"/>	Titanium:	<input type="text"/>	Aluminum:	<input type="text"/>

Remarks

Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Material received date: April 15, 2020

Original mill heat no: P69234

Federal ID #: 16-1179936

Robert Shabala

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.