



MATERIAL CERTIFICATION

NIAGARA

SPECIALTY METALS

Customer: NJ STEEL BARON

Date of shipment: 07/17/2020

Production Order: 128088

Grade: CPM S35-VN

Description: CPM S35-VN HRA DESCALED SHEARED SHEET
.2071.227 x 22/25" RW x 36.000" Ex.
Heat# NR69572

Chemistry Analysis

NSM Heat Number: NR69572

Hardness:

Carbon:	<input type="text" value="1.340"/>	Manganese:	<input type="text" value="0.490"/>	Phosphorus:	<input type="text" value="0.014"/>	Copper:	<input type="text"/>
Silicon:	<input type="text" value="0.480"/>	Chromium:	<input type="text" value="13.990"/>	Vanadium:	<input type="text" value="3.070"/>	Niobium:	<input type="text" value="0.509"/>
Cobalt:	<input type="text" value="0.020"/>	Molybdenum:	<input type="text" value="2.000"/>	Nickel:	<input type="text" value="0.160"/>	Nitrogen:	<input type="text"/>
Sulphur:	<input type="text" value="0.013"/>	Tungsten:	<input type="text" value="0.070"/>	Titanium:	<input type="text"/>	Aluminum:	<input type="text"/>

Remarks

Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Material received date: July 22, 2020

Original mill heat no: R69572

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.