



MATERIAL CERTIFICATION

NIAGARA

SPECIALTY METALS

12600 Clarence Center Road
Akron, NY 14001
716-542-5552
716-542-5555
Email: nsm@nsm-ny.com

Customer: NJ STEEL BARON

Date of shipment: 09/01/2020

NJSB TAG NO. 519

Production Order: 128698

Grade: CPM S90-V

Description: CPM S90-V HRA DESCALED SHEARED SHEET
.103/.113 x 22/25" RW x 36.000" Ex.
Heat# NP68958

Chemistry Analysis

NSM Heat Number: NP68958

Hardness:

Carbon:	<input type="text" value="2.320"/>	Manganese:	<input type="text" value="0.500"/>	Phosphorus:	<input type="text" value="0.013"/>	Copper:	<input type="text"/>
Silicon:	<input type="text" value="0.500"/>	Chromium:	<input type="text" value="14.140"/>	Vanadium:	<input type="text" value="8.800"/>	Niobium:	<input type="text"/>
Cobalt:	<input type="text"/>	Molybdenum:	<input type="text" value="1.020"/>	Nickel:	<input type="text"/>	Nitrogen:	<input type="text" value="0.100"/>
Sulphur:	<input type="text" value="0.009"/>	Tungsten:	<input type="text" value="0.040"/>	Titanium:	<input type="text"/>	Aluminum:	<input type="text"/>
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Remarks

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

Federal ID #: 16-1179936

Material received date: April 29, 2020
Original mill heat no: P68958

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.