

MATERIAL CERTIFICATION

NIAGARA
SPECIALTY METALS

Customer: NJ STEEL BARON

Date of shipment: 07/17/2020

Production Order: 128099

Grade: CPM S30-V

Description: CPM S30-V HRA DESCALED SHEARED SHEET
 .103/.113 x 16.5" x 36.000" Ex. - Heat# NR68060, 1 Piece
 .103/.113 x 23" x 36.000" Ex. - Heat# NR69410, 1 Piece
 .103/.113 x 24" x 36.000" Ex. - Heat# NR65980, 2 Pieces + 2 Drops

Chemistry Analysis

NSM Heat Number:	NR65980	Hardness:	<input type="text"/>
Carbon:	<input type="text" value="1.450"/>	Manganese:	<input type="text" value="0.500"/>
Phosphorus:	<input type="text" value="0.014"/>	Copper:	<input type="text"/>
Silicon:	<input type="text" value="0.500"/>	Chromium:	<input type="text" value="14.110"/>
Vanadium:	<input type="text" value="4.070"/>	Niobium:	<input type="text"/>
Cobalt:	<input type="text"/>	Molybdenum:	<input type="text" value="2.040"/>
Nickel:	<input type="text"/>	Nitrogen:	<input type="text" value="0.230"/>
Sulphur:	<input type="text" value="0.017"/>	Tungsten:	<input type="text"/>
Titanium:	<input type="text"/>	Aluminum:	<input type="text"/>

Remarks

Chemistry as per CI SPECIFICATION REV-1
 Country of origin: USA
 Material received date: September 11, 2017
 Original mill heat no: R65980

Federal ID #: 16-1179936

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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.

Chemistry Analysis

NSM Heat Number:	NR68060	Hardness:	<input type="text"/>
Carbon:	<input type="text" value="1.470"/>	Manganese:	<input type="text" value="0.500"/>
Phosphorus:	<input type="text" value="0.014"/>	Copper:	<input type="text"/>
Silicon:	<input type="text" value="0.460"/>	Chromium:	<input type="text" value="14.110"/>
Vanadium:	<input type="text" value="4.110"/>	Niobium:	<input type="text"/>
Cobalt:	<input type="text"/>	Molybdenum:	<input type="text"/>
Nickel:	<input type="text"/>	Nitrogen:	<input type="text"/>
Sulphur:	<input type="text" value="0.018"/>	Tungsten:	<input type="text"/>
Titanium:	<input type="text"/>	Aluminum:	<input type="text"/>

Remarks

Country of origin: USA
 Material received date: January 10, 2019
 Original mill heat no: R68060

Federal ID #: 16-1179936

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