



MATERIAL CERTIFICATION

NIAGARA

SPECIALTY METALS

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

NJSB TAG NO. 659

Date of shipment: 01/20/2021

Production Order: 130737

Grade: CPM 154-CM

Description: CPM 154 HRA DESCALED SHEARED SHEET
.103/.113" x 22/25" RW x 36.000" Ex.
Heat# NP70260

Chemistry Analysis

NSM Heat Number:	N070260		Hardness:	<input type="text"/>	
Carbon:	<input type="text" value="1.080"/>	Manganese:	<input type="text" value="0.400"/>	Phosphorus:	<input type="text" value="0.018"/>
Copper:			<input type="text" value="0.090"/>	Niobium:	<input type="text"/>
Silicon:	<input type="text" value="0.780"/>	Chromium:	<input type="text" value="13.520"/>	Vanadium:	<input type="text" value="0.200"/>
Nickel:	<input type="text" value="0.010"/>	Molybdenum:	<input type="text" value="4.000"/>	Nitrogen:	<input type="text"/>
Sulphur:	<input type="text" value="0.014"/>	Tungsten:	<input type="text" value="0.020"/>	Aluminum:	<input type="text"/>
			Titanium:	<input type="text"/>	

Remarks

Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Material received date: December 24, 2020

Original mill heat no: P70260

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, EN10204 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.