

MATERIAL CERTIFICATION



NIAGARA
SPECIALTY METALS

12600 Clarence Center Road
Akron, NY 14001

NJSB TAG NO. 496

Date of shipment: 08/03/2020

Production Order: 128279

Grade: CPM S30-V

Description: CPM S30-V HRA DESCALED SHEARED PLATE
.207/.227 x 21.5/25" RW x 36.000" Ex.
Heat# NR69413

Chemistry Analysis

| | | | | | | | |
|-------------------------|------------------------------------|--------------------|-------------------------------------|--------------------|------------------------------------|------------------|------------------------------------|
| NSM Heat Number: | NR69413 | Hardness: | <input type="text"/> | | | | |
| Carbon: | <input type="text" value="1.450"/> | Manganese: | <input type="text" value="0.480"/> | Phosphorus: | <input type="text" value="0.016"/> | Copper: | <input type="text"/> |
| Silicon: | <input type="text" value="0.500"/> | Chromium: | <input type="text" value="14.080"/> | Vanadium: | <input type="text" value="4.080"/> | Niobium: | <input type="text"/> |
| Cobalt: | <input type="text" value="0.010"/> | Molybdenum: | <input type="text" value="2.000"/> | Nickel: | <input type="text"/> | Nitrogen: | <input type="text" value="0.210"/> |
| Sulphur: | <input type="text" value="0.019"/> | Tungsten: | <input type="text" value="0.030"/> | Titanium: | <input type="text"/> | Aluminum: | <input type="text"/> |

Remarks

Chemistry as per CI SPECIFICATION REV-1

Country of origin: USA

Material received date: July 13, 2020

Original mill heat no: R69413

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.