



METALLURGICAL TEST REPORT

NORTH AMERICAN STAINLESS
6870 HIGHWAY 42 EAST
GHENT, KY 41045

6870 HIGHWAY 42 EAST

Certificate: 38073 4 Mail To: Ship To: Date: 1/07/2008 Page: 1

PELLUS MANUFACTURING LTD.
7045 INDUSTRIAL DRIVE
COMBER, ON N0P1J0

PELLUS MANUFACTURING LTD.
7045 INDUSTRIAL DRIVE
COMBER, ON N0P1J0

Customer: 007311 001

Steel: 409Nb

Finish: WIRE ROD

Your Order: 12052007PELLUS NAS Order: IN 0036481 01

PRODUCT DESCRIPTION:

Wire rod, hot rolled, annealed, pickled. 409Nb, CHRYSLER SPEC MS
3920, ASTMA 580/98

REMARKS:

Melted & Manufactured in the USA. Product complies w/ require-
ments of EU directive 2002.95.EC.ROHS. Material Free from Mer-
cury contamination. No weld repair. NAS certifies the analy-
sis on certification is correct & the material meets specs st-
ated.

Product Id	Diameter	Size	Weight	Length	Mark	Pieces	Commodity Code
WA9428 1	.4925		3.480	4		1	

Heat	CM	C	CO	CR	CU	MN	MO	NI	N	NT	P	S	SI
3HT9	US	.0185	.0216	11.3560	.1101	.4420	.0318	.0090	.0090	.2276	.0196	.0021	.2430

CHEMICAL ANALYSIS

CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa)

MECHANICAL PROPERTIES

Product Id	LD	HB	No.	.2 YS	UTS	RA	ELO-4D
WA9428 1	CL	112.00	31.19	56.20	87.76	47.80	

NAS hereby certifies that the analysis on this certification is correct and the material meets the specifications stated.

QC ENGINEER ERIC HESS
1/07/2008