



4001 PHILADELPHIA PIKE
CLAYMONT, DELAWARE 19703 U.S.A.

MATERIAL TEST REPORT

SOLD TO:
FOSTER PRECISE FABRICATING
DIVISION OF L.B. FOSTER COMPANY
3 FARM LANE
GEORGETOWN, MA

SPECIFICATION
ASTM A709-00a Grade 50 W T Type A Zone 2

MILL ORDER	BILL OF LADING	CUSTOMER P.O. NO.	DATE
156112	185098	106808-3059	04/28/03

Unless otherwise specified, the following conditions apply: 1. Material is 100% melted and manufactured in the USA. 2. Mercury, radium or alpha source materials have not been used. 3. Test piece serial # represents actual plate tested, not necessarily plate shipped (except PVO where every plate is tested).

CHEMICAL ANALYSIS

HEAT	C	Mn	P	S	Si	Cu	Ni	Cr	Mo	Cb	Al	V	Nb	N	Acid Soluble Al	Ti
1H071	0.13	0.90	0.009	0.015	0.38	0.30	0.21	0.61	0.061	0.020	0.007	0.046	0.003	0.010	0.006	0.002

HEAT	NO. PCS	DIMENSION			TEST PIECE SERIAL #	NORM	TENSILE TESTS				IMPACT TESTS								
		GUAGE IN	WIDTH IN	LENGTH IN			TENSILE PSI	YIELD PSI	ELONG % IN	BEND	TEST TEMP	FT-LBS	MILS LAT EXP	% SHEAR					
1H071	2	1.0000	60.0000	240.0000	0662506		79.0	60.0	23	6									
1H071	-	1.0000	60.0000	240.0000	0662558		80.0	55.0	27	2	25	98.0	98.0	98.0	80.0	70.0	75.0	60.0	65
1H071	-	1.0000	60.0000	240.0000	0662558														

NOTARY SEAL
NAME: *Ann Marie Livingston*

OTHER TESTS / INFORMATION
[DND] DC 1/1/04

I CERTIFY THE ABOVE RESULTS TO BE CORRECT AS CONTAINED IN THE RECORDS OF THE CORPORATION.
D. J. Carnava
DAVID J. CARNAVA
METALLURGIST

CS-1028M ISO 22000 (02) (Tot Pcs: 11)