

Certificate of Test

ITEM INFORMATION

Part Number: 0361156003 **Description:** 1 3000 FS THRD CPLG
Heat Code: D334 **Heat Number:** D334
Reference No.:
Part Specification: ASTM A105/A105M-14/ASME SA105-14 NACE MR 0103/MR 0175/ISO15156-2

CHEMICAL ANALYSIS %

C	Mn	P	S	Si	Cu	Ni	Cr	Mo	V	Cb/Nb	Al	Co	CE
0.2100	0.9500	0.0070	0.0210	0.2330	0.1700	0.0700	0.1100	0.0100	0.0210	0.0010	0.0380	0.0050	0.413

CE (LONG FORMULA) = 0.413

PHYSICAL PROPERTIES

Yield KSI	Yield PSI	Yield MPA	Tensile KSI	Tensile PSI	Tensile MPA	Elongation	REDUCTION OF AREA %	HARDNESS 1 BHN/HRC	HARDNESS 2 BHN/HRC
56	55600	383	80	79900	551	23.00	32.00	150	156

IMPACT TESTING

TYPE	TEMP	SMPL# 1	# 2	# 3	AVG	%SHEAR	LAT EXP
CHARPY							

SUPPLEMENTAL INFORMATION

THE ORIGINAL MANUFACTURER'S CERTIFICATION MEETS THE REQUIREMENTS OF EN 10204 TYPE 3.1. WE CERTIFY THAT THIS IS A TRUE AND CORRECT COPY OF THE MILL CERTIFICATE, ISSUED BY THE MANUFACTURER OF THE STEEL EMPLOYED OR THE LABORATORY WHICH HAS DETERMINED IT, AS RETAINED IN THE RECORDS OF THE COMPANY. WE MAKE NO REPRESENTATION BEYOND THOSE OF THE MANUFACTURER OR ITS AGENT.