



Quality and Excellence
 B.O. BRHAI VITEKZI NO.85
 4780 ZALAU
 ROMANIA

SILCOTUB SA

MILL TEST CERTIFICATE
 ACCORDING TO EN 10254-1.1.8

DATE 11.08.2002	ORDER NO. PO 140230	SPECIFICATION ASTM A 106/109; AS20 A 501996;	MATERIAL GRADE B	ITEM NO. 4	PAGE 1 OF 1
BUYER: DIFERCO SA 808 LISIANO SWITZERLAND				INVAOON NO.:	
				SWAMP BODY NO.:	
				TRUCK NO.:	

No.	SIZE	HEAT NUMBER	NUMBER OF PIECES	NUMBER OF PIECES	LENGTH METERS	WEIGHT IN THE METRIC TON	NUMBER OF BUNDLES	ITEM	LOT
1	2" SCH 80 (90.30 x 3.54 mm)	34292	637	637	4077.309	30.458	17	4	

403.414 TM SEAMLESS PIPE A-55GR B SRL. OUTSIDE VARNISHED WITH BLACK LAQUER (DUFERCO REF. NO. 183530)

PRODUCT ANALYSES

No.	HEAT	Sample no.	CHEMICAL COMPOSITION %										OTHER TESTS			HYDROSTATIC P.R.I.	NONDESTRUCTIVE TEST	
			C	Mn	SI	P	S	Cr	NI	Mo	Cu	V	Fisarming	Bending	Fishing			hardness
1	34292	42217	0.185	0.598	0.287	0.010	0.017	0.012	0.125	0.010	0.152	0.001					2390	
2	34292	42218	0.185	0.598	0.287	0.010	0.017	0.012	0.125	0.010	0.152	0.001					2390	
2	34292	42219	0.185	0.598	0.286	0.010	0.015	0.011	0.125	0.009	0.151	0.001					2390	
		34292	0.188	0.588	0.284	0.010	0.015	0.012	0.125	0.008	0.153	0.001						

MECHANICAL PROPERTIES

No.	HEAT	Sample no.	Dimensions Inch x Inch	Section Inch ²	Length Inch	TENSILE		TRACTION		ELONGATION		CHARPY V-HARD TCH			TEMP.	SHEAR
						Min.	Max.	Min.	Max.	Min.	Max.	1	2	3		
1	34292	42217	0.50 x 0.23	0.12	2.00	80000	70141	35000	70141	54252	22.00	33.80				
2	34292	42219	0.50 x 0.29	0.10	2.00	80000	71890	35000	52043	52043	22.00	28.00				

IDENTIFY THE UTILITY (SEEN) CAPTURED (ALTERNATIVELY WITH THE ORDER) OF CERTAINITY AND THAT THE TEST SPECIFICATION (S) IS CONTAINED IN THE RECORDS OF THE COMPANY.

SIGNATURE

QUALITY DEPT. CHIEF
 Ing. TIBERIU ENDEI

