

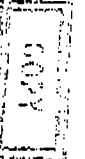


SILCOTUB SA

Quality and Service
SRL, BULAN VITEAZU NO.35
4700 ZALAU
ROMANIA

MILL TEST CERTIFICATE

ACORDARE PE EN 10204 L1 B



DATE: 11/02/2008 ORDER NO.: PO-18849

BUYER: DILBERCO SA
VIA BRALTI 9
4488 LUBANCI
SWITZERLAND

SPECIFICATION: ASTM A 1026/A 1026M

MATERIAL: GRADE B

TRADE MARK NO.: 1

WEIGHT IN THE METRIC TON: 10.563

NUMBER OF BUNDLES: 5

WEIGHT: 1

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NO.	SIZE	HEAT NUMBER	NUMBER OF PIECES	NUMBER OF PELTS	LENGTH IN METERS	WEIGHT IN THE METRIC TON	NUMBER OF BUNDLES	WEIGHT	LOT
1	1" SCH 80 (33.48 x 4.55 mm)	34280	238	274	3281.500	10.563	5	1	

PRODUCT ANALYSES

No.	HEAT	Sample no.	CHEMICAL COMPOSITION %										OTHER TESTS				
			C	Mn	Si	P	S	Cr	Mo	Cu	V	Hardness	Hardness	Hardness	TEMP.	SHEAR	
1	34280	43044	0.210	0.529	0.274	0.013	0.009	0.068	0.005	0.008	0.178	0.001	2369	-	-	-	-
	34280	43045	0.208	0.525	0.274	0.013	0.008	0.068	0.004	0.178	0.001	2580	-	-	-	-	-
2	34285	43588	0.195	0.545	0.251	0.008	0.010	0.073	0.001	0.199	0.001	-	-	-	-	-	-
	34285	43869	0.196	0.550	0.259	0.008	0.010	0.073	0.001	0.199	0.001	-	-	-	-	-	-

MECHANICAL PROPERTIES

No.	HEAT	Sample no.	TENSILE SPECIMEN			TENSILE STRENGTH			YIELD STRENGTH			ELONGATION			CHARPY V-NOTCH			TEMP.	SHEAR
			Dimensions Inch X Inch	Section Inch ²	Length Inch	Min.	Max.	Result	Min.	Max.	Result	Required	Result	1	2	3	Average		
1	34280	43044	1.31 x 0.18	0.64	2.00	60000	71315	35000	48201	30.00	30.50	57.14							
2	34285	43588	1.32 x 0.18	0.63	2.00	60000	70288	35000	57.14	30.00	42.00								

I CERTIFY THAT THE ANALYSIS, TESTS, MECHANICAL AND CHEMICAL DATA WERE OBTAINED FROM THE TEST SPECIMENS AND COMPARED WITH THE RECORDS OF THE COMPANY.

SIGNATURE

QUALITY DEPT. CHIEF
INO. TIBERIU ENOI

