



SILCOTUB SA

Quality and Service
DR. NIKOLAI VITKOVIC NO. 33
STRAZAKAU
ROMANIA

MILL TEST CERTIFICATE

ACCORDING TO EN 10254-1.1.1

DATE: 14.02.2009
ORDER NO. PO 18556
SPECIFICATION: ASTM A 36/36B; ASTM A 36/36B;
GRADE: B
WALDORF NO.:
SWAP BODY NO.:
TRUCK NO.:

DELIVER TO: DORFERCO SA
VIA RAULUTII 9
1699 LUZERN
SWITZERLAND

BUYER: SCH 40 (11.4.30 x 6.02 mm)

No.	SIZE	HEAT NUMBER	NUMBER OF PIECES	NUMBER OF PIECES	LENGTH IN METERS	WEIGHT IN TONS	NUMBER OF BUNDLES	ITEM	LOT
1	SCH 40 (11.4.30 x 6.02 mm)	33718	55	78	1307	1307.438	89	3	
		99320	57	78					
		99318							

DESCRIPTION: 403.414 TPA SEAMLESS PIPE ASSGR B SRL, OUTSIDE VARNISHED WITH BLACK LACQUER (OUTPERIOD REF. NO 185539)

PRODUCT ANALYSES

No.	HEAT	Sample no.	CHEMICAL COMPOSITION %										OTHER TESTS			TEMP.	SHEAR
			C	Mn	Si	P	S	Cr	Ni	Mo	Cu	V	Hardness	Hardness	NONDESTRUCTIVE TEST		
1	99063	39171	0.148	0.618	0.341	0.014	0.008	0.108	0.204	0.031	0.238	0.001				2210	
	99063	39172	0.148	0.521	0.338	0.014	0.008	0.107	0.203	0.031	0.238	0.001				2210	
2	33718	39153	0.177	0.508	0.228	0.014	0.010	0.149	0.198	0.011	0.200	0.002				2210	
	33718	39154	0.176	0.507	0.227	0.014	0.010	0.142	0.198	0.011	0.200	0.002				2210	
3	99320	39175	0.148	0.482	0.272	0.020	0.017	0.157	0.115	0.030	0.246	0.001				2210	
	99320	39176	0.146	0.481	0.271	0.020	0.017	0.158	0.115	0.030	0.246	0.002				2210	
4	99318	39173	0.136	0.575	0.247	0.009	0.011	0.251	0.232	0.047	0.201	0.002				2210	
	99318	39174	0.140	0.579	0.246	0.008	0.011	0.255	0.231	0.047	0.203	0.002				2210	

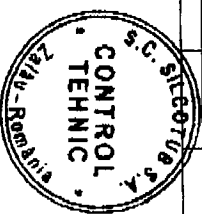
TEST SPECIMEN

No.	HEAT	Sample no.	DIMENSIONS			MECHANICAL PROPERTIES			TRACTION			BENDING			TEMP.	SHEAR
			Thickness	Width	Length	Yield Strength	Tensile Strength	Elongation	0.2% R _p	0.5% R _p	0.1% R _p	1	2	3		
1	99063	39171	0.98 x 0.32	0.22	2.00	80000	71200	35000	50356	23.08	33.30					
2	33718	39153	0.98 x 0.25	0.23	2.00	80000	85500	35000	44055	23.08	33.58					
3	99320	39175	0.98 x 0.22	0.23	2.00	80000	71502	35000	45837	23.08	31.48					
4	99318	39173	0.98 x 0.21	0.21	2.00	80000	88386	35000	48978	23.08	38.30					

1. REMARK: THAT THE MATERIAL, LIBRARY IDENTIFICATION HAS BEEN VALIDATED WITH THE CHARACTERISTICS OF THE MATERIAL IN THE RECORDS OF THE COMPANY.

SIGNATURE

QUALITY DEPT. CHIEF
ING. TIBERIU ENOBI



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