



SILCOTUB SA

Quality Control Dept
80, Avenue Vitez 1003
1161, JMWG
ROMANIA

MILL TEST CERTIFICATE
ACCORDING TO EN 10210



ORDER NO. PO 164334

DELIVERY DATE

MATERIAL

GRADE B

NO. 3 PAGE 1 OF 3

BUYER:	POURCECO SA VIA RAUOTTI B BORN LUGANO SWITZERLAND	ASTM A 106/1098, ASTM A 519/598	WAGON NO. : SWAP BODY NO. : TRUCK NO. :
--------	--	---------------------------------	---

No.	SIZE	WEIGHT NUMBER	NUMBER OF PIECES	NUMBER OF PIECES	LENGTH IN METERS	WEIGHT AT THE METRIC TON	NUMBER OF BUNDLES	ITEM	LOT
1	4" SCH 40 (114.30 x 6.02 mm)	53744	152					3	
		96526	57						
		22348	38						
		22377	38						
		04342	38						

DESCRIPTION
403.414 TM SEAMLESS PIPE A-539R B-SRL. OUTSIDE VARNISHED WITH BLACK LAQUER (DUPRECO REF: NO 188334)

No.	Sample no.	CHEMICAL COMPOSITION %										Furnacing	Bending	Flaring	Hardness	Hidradic P.S.I	NONDESTRUCTIVE TEST	
		C	Mn	Si	P	S	Cr	Ni	Mo	Cu	V							
1	88935	0.445	0.741	0.318	0.011	0.015	0.098	0.124	0.027	0.298	0.061	GOOD	-	-	-	-	2210	-
2	88935	0.145	0.736	0.318	0.011	0.015	0.098	0.124	0.027	0.298	0.061	GOOD	-	-	-	-	2210	-
3	88935	0.198	0.582	0.222	0.013	0.009	0.137	0.134	0.011	0.195	0.082	GOOD	-	-	-	-	2210	-
4	88935	0.162	0.580	0.312	0.023	0.018	0.149	0.130	0.028	0.247	0.082	GOOD	-	-	-	-	2210	-
5	88935	0.089	0.479	0.260	0.022	0.019	0.152	0.095	0.023	0.246	0.071	GOOD	-	-	-	-	2210	-
6	88935	0.105	0.487	0.293	0.022	0.019	0.150	0.095	0.023	0.246	0.071	GOOD	-	-	-	-	2210	-
7	88935	0.106	0.482	0.292	0.022	0.019	0.151	0.094	0.023	0.251	0.072	GOOD	-	-	-	-	2210	-
8	88935	0.148	0.390	0.288	0.008	0.005	0.067	0.100	0.024	0.179	0.071	GOOD	-	-	-	-	2210	-

No.	MEAT	Sample no.	Dimensions HxD x UxL	Section Inch	Length Inch	Tensile Strength		Yield Strength		Elongation		CHARPY VNOTCH			TEMP.	SHEAR
						Reqd	Act	Reqd	Act	1	2	3	Average			
1	88935	39157	0.88 x 0.23	0.23	2.00	60000	71609	35000	47008	23.90	34.80					
2	88935	39155	0.88 x 0.24	0.23	2.00	60000	71488	35000	46377	23.90	36.70					
3	88935	39165	0.99 x 0.22	0.22	2.00	60000	69197	35000	44702	23.90	35.30					
4	88935	39167	0.99 x 0.22	0.22	2.00	60000	69087	35000	46221	23.90	36.80					
5	88935	39158	0.99 x 0.22	0.22	2.00	60000	69164	35000	44804	23.90	41.00					
6	88935	39181	0.99 x 0.23	0.23	2.00	60000	68846	35000	51880	23.00	33.30					

QUALITY DEPT. CHIEF
ING. TIBERIU BOCEI

SIGNATURE

QUALITY CONTROL

TEHNIC

Zaldu-Romania