



SILCOTUB SA

Quality and Service
BD, MILANI VITEAZH KOV.35
6700 ZALAU
ROMANIA

MILL TEST CERTIFICATE

ACCORDING TO EN 10203, LB

107

DATE: 11.02.2018

ORDER NO. RO 18838

SPECIFICATION

MATERIAL

INTEGRATION NO. : 2

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DUFERCO SA
VIA RADUTTI 4
6100 LUDJAN
SINTEZLANS

ASTM A 106/109; ASTM A 131/108;

GRADE B

SWAGION NO. :
SWAP BODY NO. :
TRUCK NO. :

No.	SIZE	HEAT NUMBER	NUMBER OF REELS	NUMBER OF PILES	LENGTH IN METERS	WEIGHT IN TONS	NUMBER OF BUNDLES	ITEM	LOT
1	3" SCH 40 (88.90 x 3.49 mm)	89105	418	1150	7399.323	83.465	81	2	
		89338	282						
		21544	57						

DESCRIPTION
403414 TM, SEAMLESS PIPE A-333R B SRL, OUTSIDE VARNISHED WITH BLACK LAQUER
(DUFERCO REF. NO 188330)

PRODUCT ANALYSIS

No.	HEAT	Sample no.	CHEMICAL COMPOSITION %										OTHER TESTS				
			C	Mn	Si	P	S	Cr	Ni	Mo	Cu	V	Hardness	Bending	Tearing	Hydrostatic Pst	Nondestructive Test
1	99097	38592	0.169	0.562	0.222	0.013	0.025	0.141	0.108	0.034	0.173	0.002	GOOD	-	-	2500	-
	99097	38593	0.170	0.562	0.220	0.012	0.025	0.141	0.107	0.034	0.176	0.002	GOOD	-	-	2500	-
2	99105	38598	0.176	0.536	0.209	0.013	0.026	0.137	0.109	0.033	0.168	0.002	GOOD	-	-	2500	-
	99105	38599	0.176	0.533	0.208	0.013	0.026	0.137	0.109	0.033	0.168	0.002	GOOD	-	-	2500	-
3	99338	38579	0.174	0.547	0.214	0.012	0.024	0.138	0.108	0.033	0.171	0.002	GOOD	-	-	2500	-
	99338	38580	0.173	0.543	0.216	0.012	0.024	0.139	0.108	0.033	0.172	0.002	GOOD	-	-	2500	-
4	21544	38576	0.180	0.597	0.274	0.022	0.016	0.048	0.063	0.012	0.148	0.007	GOOD	-	-	2500	-
	21544	38576	0.179	0.593	0.276	0.023	0.016	0.045	0.062	0.012	0.147	0.007	GOOD	-	-	2500	-

TEST SPECIFICATIONS

MECHANICAL PROPERTIES

No.	HEAT	Sample no.	Dimensions Inch x Inch	Section Inch	Length Inch	Tensile Strength		Yield Strength		Elongation		CHARPY V-NOTCH				TEMP.	SHEAR
						Required	Result	Required	Result	Required	Result	1	2	3	Average		
1	99097	38592	0.74 x 0.21	0.16	2.08	60000	68120	35000	48114	22.00	34.30	1	2	3	Average	°F	%
	99105	38598	0.74 x 0.21	0.16	2.08	60000	67137	35000	48307	22.00	34.40	1	2	3	Average	°F	%
2	99338	38579	0.74 x 0.21	0.16	2.08	60000	70386	35000	59233	22.00	35.60	1	2	3	Average	°F	%
	21544	38576	0.74 x 0.22	0.17	2.00	60000	72923	35000	59033	22.00	34.50	1	2	3	Average	°F	%

WEIGHT THE NATIONAL VERIFICATION BODY AND STATEMENT IN RECORDS PREPARATION AND THAT THE TEST REPORTS CORRECTLY AND CONTAINS THE RECORDS OF THE COMPANY

SIGNATURE

QUALITY DEPT. CHIEF
ING. MIHAIL BRUCE

