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 EUID: ROONRC.J28/9/1991; J28/9/31.01.1991
 VAT No. RO 1510210/1992
 Subscribed and Paid Share Capital: 291.587.538,34 lei

MECHANICAL TUBES

Mechanical Properties

Steel group	Tensile Strength	Yield Limit	Elongation	Impact test
	[N/mm ²]	[N/mm ²]	min. [%]	Average on three sample min. [J]
St37.0, St37.4, S235, P195, P235, P275, E235, C10E, C15E, 1010	350÷480	min 235	25	
St44.0, St44.4, S275, P265, E 275, 1020	420÷550	min 275	21	
St52.0, St52.4, S355, E355, Tu52-b, P265, P355, Fe510, OL52.3,1022	500÷650	min 355	21	
C45, C35E, 1035, 1045	min 580	min 305	16	
16MnCr5	HB =max 207 (Delivery status: Annealed)			
4140, 42CrMo4	HRB =max 85 (Delivery status: Annealed)			
4130	HRB =max 81 (Delivery status: Annealed)			
20MnV6, E470	min 600	min 430	17	
S690G2QL1	WT≤40: 770-960 40<WT≤65: 700-880	WT≤40: min. 690 40<WT≤50: min. 650 50<WT≤65: min. 615	16 long/14 transv.	at T=-60°C WT≤20: 40 long/20 transv 20<WT≤40: 30 long/20 transv 40<WT≤65: 25 long.
S770QL	WT≤20: 820-1000 20<WT≤32: 770-980 32<WT≤40: 770-950 40<WT≤50: 720-950	WT≤20: min. 770 20<WT≤25: min. 740 25<WT≤32: min. 720 32<WT≤40: min. 700 40<WT≤50: min. 670	15 long/13 transv	at T=-60°C WT≤20: 40 long/27 transv 20<WT≤65: 30 long/27 transv
S890QL1	12≤WT≤20: 960-1100 20<WT≤40: 920-1070 40<WT≤50: 870-1040 50<WT≤65: 870-1040	12≤WT≤20: min. 890 20<WT≤40: min. 850 40<WT≤50: min. 820 50<WT≤65: min. 800	14 long/12 transv	at T=-45°C 12≤WT≤20: 45 long 20<WT≤65: 40 long