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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

SEAMLESS TUBES FOR BOILER & HIGH TEMPERATURE SERVICE

Mechanical Properties

Steel Group	Yield Strength, min.	Tensile Strength	Elongation	Impact	
	N/mm ²	N/mm ²	min. (%)	J	(°C)
Grade A, TU E275	205	min. 330	Calculation acc. to		
Grade B	240	min 415	the wall thickness		
St35.8, TU E220	235	360÷480	25		
St45.8, TU E250	255	410÷530	21		
P195GH	195	320÷440	27	28	-10
P235GH	225	360÷500	25	28	-10
P265GH	255	410÷570	23	28	-10
16Mo3	270	450÷600	22	40	20
13CrMo4-5	290	440÷590	22	40	20
10CrMo9-10	280	480÷630	22	40	20
ASTM A179	180	325	36	HRB = max 72	
Grade A-1	255	415	30	HRB = max 79	
T11	205	415	30	85HRB/250HBW/170HV	
T22	205	415	30	85HRB/250HBW/170HV	
P5	205	415	30		
P11	205	415	30	-	
P22	205	415	30	-	

TMK EUROPEAN DIVISION Cod: FCU-01, Ed. 3 Rev. 3/2019



API:
5CT-0440
5L-0352

LR:
ISO 9001
ISO 14001
ISO 45001

TUV:
PED/AD-2000 W0/W4
TRD 100/102
Vd TUV

TUV CPR:
EN 10210-1,2
EN 10255

LR
DNV-GL Rules
RINA

LR:
IATF 16949