

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 the wall thickness		
Grade B	240	min 415			
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
ASTM A179	180	325	36	HRB = max 72	
Grade A-1	255	415	30	HRB = max 79	