

Material Grade: **1.1151**

Associated Standard: **Werkstoff**

1. STEELMAKING

	<u>C</u>	<u>Si</u>	<u>Mn</u>	<u>S</u>	<u>P</u>	<u>Cr</u>	<u>Mo</u>	<u>Ni</u>	<u>Cr+Mo+Ni</u>
Min	0.17		0.40						
Max	0.24	0.40	0.70	0.035	0.035	0.40	0.10	0.40	0.63

2. TYPICAL MECHANICAL PROPERTIES

Test type			Tensile and hardness test (at room temperature)						Impact test (KV)
			Yield (Re)	0.2 % proof	UTS (Rm)	Elong (A)	R of A (Z)	Hardness	Room Temp
Variation	Sample dia	Unit	N/mm ²	N/mm ²	N/mm ²	%	%	HB	J
Annealed			Min						
			Max					156	
Q+T	> 17 ≤ 40mm	Min	290		470	22	50		50
		Max			620				