

Material Grade: **100MnCrW4**

**1. STEELMAKING**

	<u>C</u>	<u>Si</u>	<u>Mn</u>	<u>S</u>	<u>P</u>	<u>Cr</u>	<u>V</u>	<u>W</u>
Min	0.90	0.15	1.00			0.50	0.05	0.50
Max	1.05	0.35	1.20	0.035	0.035	0.70	0.15	0.70

**2. TYPICAL MECHANICAL PROPERTIES**

Test type		<u>Tensile and hardness test (at room temperature)</u>						
		Yield (Re)	0.2 % proof	UTS (Rm)	Elong (A)	R of A (Z)	Hardness	
Unit		N/mm <sup>2</sup>	N/mm <sup>2</sup>	N/mm <sup>2</sup>	%	%	HB	HV
Annealed	Min							
	Max						230	