

Material Grade: **X155CrVMo12-1**

1. STEELMAKING

	<u>C</u>	<u>Si</u>	<u>Mn</u>	<u>S</u>	<u>P</u>	<u>Cr</u>	<u>V</u>	<u>Mo</u>
Min	1.50	0.10	0.15			11.00	0.90	0.60
Max	1.60	0.40	0.45	0.030	0.030	12.00	1.10	0.80

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		<i>N/mm2</i>	<i>N/mm2</i>	<i>N/mm2</i>	<i>%</i>	<i>%</i>	<i>HB</i>	<i>HV</i>
Annealed	Min							
	Max						235	
Cold drawn	Min							
	Max						262	