

Material Grade: X40CrMoV5-1

1. STEELMAKING

	<u>C</u>	<u>Si</u>	<u>Mn</u>	<u>S</u>	<u>P</u>	<u>Cr</u>	<u>Mo</u>	<u>V</u>
Min	0.32	0.80	0.20			4.80	1.20	0.80
Max	0.45	1.20	0.50	0.020	0.030	5.50	1.50	1.15

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 ²	N/mm ²	N/mm ²	%	%	HB	HV
Annealed	Min						
	Max					229	