

Material Grade: **D2**

Associated Standard: **ASTM A681**

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	1.40	0.10	0.10			11.00	0.50	0.70
Max	1.60	0.60	0.60	0.030	0.030	13.00	1.10	1.20

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/mm2	N/mm2	N/mm2	%	%	HB	HV
Annealed	Min							
	Max						255	
Cold drawn	Min							
	Max						269	