

Material Grade: **O1**

Associated Standard: **ASTM A381**
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>W</u>
Min	0.85	0.10	1.00			0.40		0.40
Max	1.00	0.50	1.40	0.030	0.030	0.70	0.3	0.60

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						212	
Cold drawn	Min							
	Max						241	