

Material Grade: **BH13**

Associated Standard: **BS 4659**

1. STEELMAKING

	<u>C</u>	<u>Si</u>	<u>Mn</u>	<u>S</u>	<u>P</u>	<u>Cr</u>	<u>Ni</u>	<u>Mo</u>	<u>V</u>	<u>Cu</u>	<u>Sn</u>
Min	0.32	0.85				4.75		1.25	0.90		
Max	0.42	1.15	0.40	0.035	0.035	5.25	0.40	1.75	1.10	0.20	0.05

2. TYPICAL MECHANICAL PROPERTIES

Test type	Tensile and hardness test (at room temperature)						
	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	