

Material Grade: **C15**

Associated Standard: **BS EN 10084**

1. STEELMAKING

	<u>C</u>	<u>Si</u>	<u>Mn</u>	<u>S</u>	<u>P</u>
Min	0.12		0.30		
Max	0.18	0.40	0.60	0.035	0.035

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
Variation	Unit	<i>N/mm2</i>	<i>N/mm2</i>	<i>N/mm2</i>	<i>%</i>	<i>%</i>	<i>HB</i>
C15 + A	Min						
	Max						143
C15 + N	Min						95
	Max						150