



Chemical Requirements A106		
	Composition, %	
	Grade B	Grade C
Carbon, max¹	0.30	0.35
Manganese	0.29-1.06	0.29-1.06
Phosphorus, max	0.035	0.035
Sulfur, max	0.035	0.035
Silicon, min	0.10	0.10
Chrome, max²	0.40	0.40
Copper, max²	0.40	0.40
Molybdenum, max²	0.15	0.15
Nickel, max²	0.40	0.40
Vanadium, max²	0.08	0.08
<p>¹ For each reduction of 0.01% below the specified carbon maximum, an increase of 0.06% manganese above the specified maximum will be permitted up to a maximum of 1.35%.</p> <p>² These five elements combined shall not exceed 1%.</p>		