

**R60**

**DESCRIPTION:** Weldcote Metals R60 is used to produce high tensile strength quality welds on low carbon and low alloy steels such as sheets, plates, pipes of grade A and B analysis and structural shapes. It is recommended for critical welds that must respond to the same annealing and heat treatment as regular grades of cast steel. The high silicon and manganese composition removes impurities from the molten metal thereby eliminating the need for flux.

**APPROVALS:** Meets AWS A5.2 Class R60.

**CHEMICAL COMPOSITION**

Carbon	0.15
Manganese	0.90-1.40
Silicon	0.10-0.35
Phosphorus	0.035
Sulfur	0.035
Copper	0.30
Chromium	0.20
Nickel	0.30
Molybdenum	0.20
Aluminum	0.02

Weldcote Metals believes this data to be accurate and to reflect qualified expert opinion regarding current research. However, Weldcote Metals can not make any expressed or implied warranty as to this information.