



Unibraze RG-60

Classification:

AWS/SFA A5.2 CLASS RG60

Description:

Unibraze RG-60 is used to produce high tensile strength quality welds on low carbon and low alloy steels. The high silicon and manganese composition removes impurities from the molten metal thereby eliminating the need for flux. **Unibraze RG-60** is also used for the oxyfuel gas welding of carbon steels, where the minimum tensile strength requirement does not exceed 60 ksi (415 MPa).

Typical Chemical Composition:

Carbon	0.15
Manganese	0.90 to 1.40
Phosphorus	0.035 max
Silicon	0.10 to 0.35
Sulfur	0.035 max

Tension Test Requirements (as welded):

Minimum Tensile Strength,	psi 60,000
Elongation in 2" (%) min.	20 %

Notice: The results reported are based upon testing of the product under controlled laboratory conditions in accordance with American Welding Society Standards. Actual use of the product may produce different results due to varying conditions. An example of such conditions would be electrode size, plate chemistry, environment, weldment design, fabrication methods, welding procedure and service requirements. Thus the results are not guarantees for use in the field. The manufacturer disclaims any warranty of merchantability or fitness for any particular purpose with respect to its products.