



**Shri Balaji Alloys
Corporation India**



MAXIDURA - SAF- 5

WIRE & FLUXES COMBINATION GRADE C (EH14)

CHEMICAL COMPOSITION

C - 0.10, Mn - 1.10 to 1.80, Si - 0.30 max, S & P max - 0.04

AWS/ASME CLASSIFICATION

AWS/SFA A 5.17 : F7A4 - EH-14

AWS/SFA A 5.17 : F7P4 - EH-14

MECHANICAL PROPERTIES (TYPICAL)

YSN/mm² - 400, UTS N/mm² - 500-600, %Elong - 24

IMPACT - J - 47/27 TEMP. °C - 20/40

TYPICAL APPLICATIONS

Suitable for twins wire & multi wire welding and excellent for production of larger pipes. Also suitable for single and multi pass welding. It is a high current carrying capacity and as such, becomes a good choice for fillet welding with large throat thickness in steel fabrication.

DESCRIPTION

An agglomerated basic type flux for welding structural steel, pressure vessels & pipe steel. High Mn wires are recommended as the flux offers no Mn and only slight Si pickup. Slag detach ability is good and consumption of flux is economical. The weld metal produces low Hydrogen content due to low moisture pick-up.

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