LEADER IN INDUSTRIAL TOOLS & EQUIPMENT

Technical sheet



Thermanit Chromo 9 V - basic coating

Marque: BOHLER - GERMANY

Ref Product: wire:50325

Ref Mcmining: SOUD50325-BW

Description
50325
Thermanit Chromo 9 V mod is a covered electrode with basic coating for shielded metal arc welding. The 9Cr-1Mo-VNb type weld metal exhibits a fully tempered martensitic microstructure with favorable mechanical properties in post weld heat treated condition. The chemical composition is optimized in order to provide a highly creep resistant and ductile weld metal after post weld heat treatment along with low level of trace elements. Thanks to the restricted Mn+Ni content of less than 1.0 wt. % the AC1 temperature is certainly above 1436ºF.The covering concept of Thermanit Chromo 9 V mod ensures easy handling, designed for welding under diffi cult conditions in combination with low level of diffusible hydrogen.
The range of application
covers joint welding of similar alloyed creep strength enhanced ferritic steels like - ASTM grade 91 tube, pipe, plate, forgings and castings, used in the thermal power and petrochemical industry.
Classification
EN ISO Norm A : EN ISO 3580-A
EN ISO Classification A : E Z CrMo91 B 4 2 H5
AWS/SFA Norm A : AWS A5.5 / SFA-5.5
AWS/SFA Classification A : E9015-B91 H4