

# GM 439



CLASSIFICATION :AWS/SFA 5.9: ER 439

## CHARACTERISTICS :

GM 439 welding wire has excellent resistance to oxidation in air and in sulphur-containing combustion gases. Its strength at high temperatures is enhanced by the addition of Ti and Nb.

## TYPICAL USES :

It is suitable for joining similar parent metals in, for example the high temperature part of exhaust systems for the automotive industry. It is also suitable for overlay welding, where oxidation resistance is required.

## COMPOSITION OF THE WIRE (RANGE) %:

C	Mn	Si	S	P	Cr	Nb	Ti
0.025 max	0.5 min	0.8	0.015	0.030	19	0.4	0.5

**Microstructure-Allweld Metal:** Ferritic

**SHIELDING GAS:** Pure Argon.

## PACKING DATA :

SIZE (mm)	PACKING PER PACKET, KG
1.6	15Kg
1.2	15Kg
0.8	15Kg

