

NOUVE[®] 9018-G

Designation

AWS A5.5 E9018-G
UNS No. -

Welding Positions



Features

- Excellent arc characteristics
- Low spatter level
- Quick and easy slag removal
- Low moisture re-absorption
- Low smoke level
- Radiography quality

Applications

Weld Deposit which has a high yield strength and is very tough. Particularly recommended for root passes to a tensile 550-700 Mpa.

Type of Current

Direct Current Electrode Positive (DCEP)

Recommended Welding Techniques

GENERAL : Electrode positive, work negative (DCEP)
ARC LENGTH : Short arc
STORAGE : Re-dry electrodes to 300°C for 2 hours before use.
PRE HEAT : -

Weld Metal Chemistry

	Carbon	Manganese	Silicon	Phosphorous	Sulphur	Nickel	Chromium	Molybdenum
Spec	-	1.00 min	0.80 min	0.03	0.03	0.50 min	0.30 min	0.20 min
Typical								

Mechanical Properties (as welded)

MECHANICAL TESTS	Tensile Strength	Yield Strength	Elongation %	Impact Energy	PWHT
AWS SPEC	620	530	17	NA at NA	NA
TYPICAL	650	21	21	NA	NA