

Meltolit

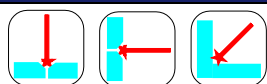
SGMo Tig

AWS A 5.28: ER70S-A1
 EN ISO 21952-A- W MoSi
 EN ISO 636-A- W 2Mo

DESCRIPTION

Structural steels resistant to heat and to hot work creep. Pipelines, steam boilers, pressure tanks, gas pipes, ship building sector, chemical, petrochemical sector, equipment, building of cranes.

WELDING POSITIONS



CURRENT

DC-

GAS

Ar (I1)

BASE MATERIALS

Construction steel, pressure steel

P295GH, P355GH, 16Mo3, 17Mo3, 14Mo6, S275, S355, S420, A210, A285, A335, A516, S275MI, S355M, S420M, S460 15Mo3, 10MnMo45, 11MnMo45, GS60, GS22Mo4, 20MnMoNi5-5, 15NiCuMoNd5S, 17MnMoV64

MECHANICAL PROPERTIES

| <i>R_m</i> (Mpa) | <i>R_{p 0,2}</i> (Mpa) | <i>A5</i> (%) | <i>KV(j)</i> |
|----------------------------|--------------------------------|---------------|----------------|
| 610 | 520 | 25 | 150 J (+20° C) |

WELD METAL COMPOSITION(%)

| C | Si | Mn | Cr | Mo | Ni | V | Cu |
|------|------|-----|-------|-----|------|-------|-------|
| 0,09 | 0,60 | 1,2 | <0,15 | 0,5 | <0,1 | <0,02 | <0,25 |

PACKAGING

| Dimension(mm) | 1,6x1000 | 2,0x1000 | 2,4x1000 | 3,2x1000 |
|---------------|----------|----------|----------|----------|
| Box(kg) | 5 | 5 | 5 | 5 |

EQUIVALENT FILLER METALS

| | |
|-----------|--------------------|
| MAG | Meltolit SGMo |
| FCW / MCW | Megafil 825R, 235M |