

Agglomerated Fluxes And Wires For Submerged Arc Welding

SUPERMELT - 12 K

AWS Classification (AWS - SFA - A 5.17) - EM12K

HARDNESS (on two layer deposits) BHN –

APPLICATIONS

Copper coated medium manganese alloyed wire for submerged arc welding and electroslag welding of medium and high tensile steels.

CHEMICAL COMPOSITION (%)

| C | Mn | Si | S | P | Cr | Mo | Cu |
|-----------|-----------|-----------|--------------|--------------|----|----|--------------|
| 0.05-0.15 | 0.80-1.25 | 0.10-0.35 | 0.03 Max. | 0.03 Max. | – | – | 0.35 Max. |

MECHANICAL PROPERTIES

| Y.S. MPa (Min) | U.T.S. MPa | ELONG. %(Min) | IMPACT Joule (Min) |
|-------------------|---------------|------------------|-----------------------|
| – | – | – | -- |

