

A-G

Classification

|     |                  |
|-----|------------------|
| AWS | AWS A5.23 EG     |
| JIS | JIS Z 3351 YS-S6 |
| EN  | ISO 14171-A S4   |

Features

- Submerged arc welding wire for standard carbon steel
- Typical applications include shipbuilding and steel structures

Typical Chemical Composition of the Wire (wt%)

| C    | Si   | Mn   | P     | S     |
|------|------|------|-------|-------|
| 0.12 | 0.05 | 1.97 | 0.018 | 0.005 |

Wire Diameter & Packaging

| Wire Diameter<br>mm(in) | Packaging                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.0 (5/32)              | Basket 25kg(55lbs)<br>Coil 25kg(55lbs), 100kg(220lbs), 200kg(440lbs), 250kg(551lbs), 300kg(661lbs), 500kg(1102lbs)<br>Drum 250kg(551lbs), 300kg(661lbs), 350kg(771lbs), 400kg(881lbs) |
| 4.8 (3/16)              |                                                                                                                                                                                       |

SMW

GMAW

GTAW

FCAW

Metal-cored Wire

SAW Wire

SAW Flux