

Classification

AWS A5-10: ER5356
EN ISO18273-S: AlMg5Cr

Chemical Composition: %

Al	Si	Fe	Cu	Mn	Mg	Zn	Cr	Ti	Other
Balance	0.25	0.4	0.1	0.05-0.2	4.5-5.5	0.1	0.05-0.2	0.06-0.20	≤0.15

Mechanical and physical properties

Melting range: 575-633 °C

Density: 2.64g/cm³

Tensile strength: ≥250 N/mm²

Welding process:

TIG , MIG

Description and Applications

This type of product is a widely used in general welding material with the magnesium of 5%,which can be used in jointing or overlay forging and casting alloys processing.And this product is of high toughness,good forgeability,and well anti-corrosiveness.Furthermore,this is a good choice for color-match in welding after anodic process.

Product usage: Bicycles,aluminium scooter,etc.engine carriage,presure vessel,armary processing,ship-building, space shuttle etc.

Availability

Rods (mm): φ 1.6; 2.0; 2.4; 3.2; 4.0; 5.0; 6.0

Rod packagings: (Boxes)5/10kg

Wires (mm): φ 0.8; 0.9; 1.0; 1.2; 1.6; 2.0; 2.4

Spools: S100/0.5kg(1lb) S200/2kg S3006kg-7kg(16lb) S360/20kg

Other dimensions are available upon request

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