

Classification

AWS A5-10: ER5183
EN ISO18273-S: AlMg4.5Mn0.7

Chemical Composition: %

Al	Si	Fe	Cu	Mn	Mg	Zn	Cr	Ti	Other
Balance	0.25	0.4	0.14	0.5-1.0	4.3-5.2	0.25	0.05-0.25	0.15	≤0.15

Mechanical and physical properties

Melting range: 574-638 °C

Density: 2.66g/cm³

Tensile strength: ≥275 N/mm²

Welding process:

TIG , MIG

Description and Applications

This is a type of product which can be used in jointing and overlay processing in the same grade of magnesium of 4.5%,it has good performance in jointing,anti-corrosiveness and mechanics.

Usage:pressure vessle of chemical industry,nuclear in dustry,ship-building,boiler,space industry,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

BEIDUO ALLOYS

#2999 Binhong West Road, Jinhua , Zhejiang, China

Tel: 86-579-83533866 Mob.:86-13806785765

Email: sales@jhbeiduo.com www.beiduoalloys.com

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