



Material - CSN EN ISO 18273 AlSi7Mg

Standard Specification for Wires and Rods for Welding of Aluminium and Aluminium

Group - Non-Ferrous Aluminium Alloy

Sub Group - CSN EN ISO 18273 Wires and Rods for Welding of Aluminium and Aluminium Alloys

Application - Intended for Valve, Pump, General Engineering, Automotive and Other Industries

Grade Belongs to the Industry - Wire and Rod

| Chemical Composition | | | Heat Treatment | |
|----------------------|------|---------------|--|--|
| Copper | Cu % | 0.020 max. | As-Cast | |
| Iron | Fe % | 0.200 max. | | |
| Magnesium | Mg % | 0.300 - 0.450 | | |
| Manganese | Mn % | 0.100 max. | | |
| Silicon | Si % | 6.500 - 7.500 | | |
| Titanium | Ti % | 0.200 max. | | |
| Beryllium | Be % | 0.0003 max. | | |
| Zinc | Zn % | 0.100 max. | | |
| Other | Ot% | 0.150 max. | | |
| Aluminium | Al % | Balance | | |
| - | - | - | Mechanical Properties Tensile Strength in Mpa - Yield Strength in Mpa - Elongation in % - Reduction of Area in % - Hardness in HB - Impact in Joule - | |
| - | - | - | | |
| - | - | - | | |
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| - | - | - | | |
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| Cross Reference Table | | | |
|-----------------------|----------|---------------|------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| AlSi7Mg | DIN | Germany | Wire and Rod |
| AlSi7Mg | BS | British | Wire and Rod |
| AlSi7Mg | UNI | Italy | Wire and Rod |
| AlSi7Mg | UNE | Spain | Wire and Rod |
| AlSi7Mg | MSZ | Hungary | Wire and Rod |
| AlSi7Mg | ISO | International | Wire and Rod |
| AlSi7Mg | BDS | Bulgaria | Wire and Rod |

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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