

## 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														
-	-	-	<b>Mechanical Properties</b> <table border="1"> <tr> <td>Tensile Strength in Mpa</td> <td>-</td> </tr> <tr> <td>Yield Strength in Mpa</td> <td>-</td> </tr> <tr> <td>Elongation in %</td> <td>-</td> </tr> <tr> <td>Reduction of Area in %</td> <td>-</td> </tr> <tr> <td>Hardness in HB</td> <td>-</td> </tr> <tr> <td>Impact in Joule</td> <td>-</td> </tr> </table>		Tensile Strength in Mpa	-	Yield Strength in Mpa	-	Elongation in %	-	Reduction of Area in %	-	Hardness in HB	-	Impact in Joule	-
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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

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