GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - MSZ EN ISO 18273 AlSi7Mg

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

Group - Non-Ferrous Alumium Alloy

Sub Group - MSZ 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		
Copper	Cu %	0.020 max.
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
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HB	-
Impact in Joule	-

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	ISO	International	Wire and Rod
AlSi7Mg	CSN	Czech Republic	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