



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - BS EN ISO 18273 Al 4047A

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

Group - Non-Ferrous Aluminium Alloy

Sub Group - BS 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 %	0.030 max.	As-Cast	
Iron	Fe %	0.600 max.		
Magnesium	Mg %	0.100 max.		
Manganese	Mn %	0.150 max.		
Silicon	Si %	11.000 - 13.000		
Titanium	Ti %	0.150 max.		
Beryllium	Be %	0.0003 max.		
Zinc	Zn %	0.200 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	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN Al 4047A	DIN	Germany	Wire and Rod
Al Si12(a)	ISO	International	Casting
EN Al 4047A	SFS	Finland	Wire and Rod
EN Al 4047A	UNE	Spain	Wire and Rod
EN Al 4047A	UNI	Italy	Wire and Rod
EN Al 4047A	CSN	Czech Republic	Wire and Rod
EN Al 4047A	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

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.

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