



Material - ISO3522 Al 99.5

Standard Specification for Aluminium and Aluminium Alloys

Group - Non-Ferrous Aluminium Alloy

Sub Group - ISO3522 for Aluminium and Aluminium Alloys

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Silicon	Si %	0.150 max.	As-Cast	
Iron	Fe %	0.300 max.		
Copper	Cu %	0.020 max.		
Manganese	Mn %	0.030 max.		
Magnesium	Mg %	0.005 max.		
Zinc	Zn %	0.050 max.		
Titanium	Ti %	0.020 max.		
Aluminium	Al %	99.500 min		
-	-	-	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in HBW	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN 1050A	ONORM	Australia	Wire
EN 1050A	CSN	Czech Republic	Wire
EN 1050A	SFS	Finland	Wire
EN 1050A	BS	British	Wire
EN 1050A	UNE	Spain	Wire
EN 1050A	AFNOR NF	France	Wire
EN 1050A	UNI	Italy	Wire

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.