

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

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com