Material: ISO 3522 Al Cu5MgAg

Standard Specification for Aluminium and Aluminium Alloys

Group: *Non-Ferrous Aluminium Alloy*
Sub Group: *ISO 3522 for Aluminium and Aluminium Alloys*
Application: *Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade*
Belongs to the Industry: *Casting*

Chemical Composition		
Silicon	Si %	0.050 max.
Iron	Fe %	0.100 max.
Copper	Cu %	4.000 - 5.000
Manganese	Mn %	0.200 - 0.400
Magnesium	Mg %	0.150 - 0.350
Zinc	Zn %	0.050 max.
Titanium	Ti %	0.150 - 0.350
Other	Ot%	0.100 max.
Aluminium	Al %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Solution Anneling and Aging

Mechanical Properties	
Tensile Strength in Mpa	480 min.
Yield Strength in Mpa	430 min.
Elongation in %	3 min.
Reduction of Area in %	-
Hardness in HBW	115 min.
Impact in Joule	-

Cross Reference Table			
Material	**Standard**	**Country**	**Grade Belong to the Industry**
-	0	-	0
0	0	-	0
0	0	-	0
0	0	-	0
0	0	-	0
0	0	-	0
0	0	-	0

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*