



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - DIN 1712-1 3.0250

Standard Specification for Aluminium and Aluminium Alloy Ingots and Casting for General Engineering Purpose

Group - Non-Ferrous Aluminium Alloy

Sub Group - DIN 1712-1 Aluminium and Aluminium Alloy Ingots and Casting for General Engineering Purpose

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

Grade Belongs to the Industry - Ingot and Casting

Chemical Composition			Heat Treatment	
Copper	Cu %	0.020 max.	As-Cast	
Silicon	Si %	0.250 max.		
Iron	Fe %	0.350 max.		
Zinc	Zn %	0.050 max.		
Titanium	Ti %	0.020 max.		
Other	Ot%	0.500 max.		
Aluminium	Al %	99.500 min.		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	-
-	-	-	Yield Strength in Mpa	-
-	-	-	Elongation in %	-
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
LM0	BS	British	Ingot and Casting
1050A	EN	European Union	Wire
Al 99.5	ISO	International	Casting
1050A	UNI	Italy	Wire
A5	AFNOR NF	France	Coil, Strip and Sheet
1050A	CSN	Czech Republic	Wire
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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.

ONE STOP SOLUTION FOR METAL PARTS