

Material: IS 617 4635

Standard Specification for Aluminium and Aluminium Alloys Ingot and Casting for General Engineering Purposes

Group: Non-Ferrous Aluminium Alloy

Sub Group: IS 617 Aluminium and Aluminium Alloys Ingot and Casting for General Engineering Purposes

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 % | 0.100 max. | As-Cast | |
| Magnesium | Mg % | 0.200 - 0.600 | | |
| Silicon | Si % | 10.000 - 13.000 | | |
| Iron | Fe % | 0.600 max. | | |
| Manganese | Mn % | 0.300 - 0.700 | | |
| Titanium | Ti % | 0.200 max. | | |
| Zinc | Zn % | 0.100 max. | | |
| Nickel | Ni % | 0.100 max. | | |
| Lead | Pb % | 0.100 max. | | |
| Tin | Sn % | 0.200 max. | | |
| Titanium | Ti % | 0.200 max. | | |
| Aluminium | Al % | Balance | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |

| Cross Reference Table | | | |
|-----------------------|----------|---------|------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| LM9 | BS | British | Ingot and Casting |
| G AlSi12MnMg | UNI | Italy | Ingot and Casting |
| G-AS12MG | UNI | Italy | Ingot and Casting |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |
| - | - | - | - |

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