

## Material: UNE 38 L-2610

### Standard Specification for Aluminium and Aluminium Alloys for Casting

**Group:** Non-Ferrous Aluminium Alloy

**Sub Group:** UNE 38 Aluminium and Aluminium Alloys for Casting

**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 %	2.000 - 4.000	As-Cast	
Iron	Fe %	0.800 max.		
Magnesium	Mg %	0.150 max.		
Manganese	Mn %	0.100 - 0.700		
Nickel	Ni %	0.300 max.		
Lead	Pb %	0.100 max.		
Silicon	Si %	4.000 - 6.000		
Tin	Sn %	0.050 max.		
Titanium	Ti %	0.200 max.		
Zinc	Zn %	0.500 max.		
Aluminium	Al %	Balance	<b>Mechanical Properties</b> Tensile Strength in Mpa      140 - 280 Yield Strength in Mpa      85 - 90 Elongation in %      2 min. Reduction of Area in %      - Hardness in BHN      - Impact in Joule      -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
AA303	AS	Australia	Ingot and Casting
AA339	AS	Australia	Ingot and Casting
303	AS	Australia	Ingot and Casting
4223	IS	India	Ingot and Casting
LM4	BS	British	Ingot and Casting
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