



## Material - NBR 15975 393.0

### Standard Specification for Primary Aluminium and Casting

Group - Non-Ferrous Aluminium Alloy

Sub Group - NBR 15975 Primary Aluminium and Casting

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Copper	Cu %	0.700 - 1.100	As-Cast	
Magnesium	Mg %	0.700 - 1.300		
Silicon	Si %	21.000 - 23.000		
Iron	Fe %	1.300 max.		
Manganese	Mn %	0.100 max.		
Nickel	Ni %	2.000 - 2.500		
Zinc	Zn %	0.100 max.		
Titanium	Ti %	0.100 - 0.200		
Vanadium	V %	0.080 - 0.150		
Aluminium	Al %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa      120 min. Yield Strength in Mpa      - Elongation in %      - Reduction of Area in %      - Hardness in HB      100 - 140 Impact in Joule      -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
LM29	BS	British	Ingot and Casting
393.0	AA	USA	Ingot and Casting
4928-B	IS	India	Casting
A039300	UNS	USA	Casting
Vanasil	AA	USA	Casting
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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](mailto:marketing@gravitycastindia.com)**

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