



## Material - NBR 15975 380.0

### Standard Specification for Aluminium Alloys for Casting

Group - Non-Ferrous Aluminium Alloy

Sub Group - NBR 15975 Aluminium Alloys for Casting

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Copper	Cu %	3.000 - 4.000	As-Cast	
Iron	Fe %	2.000 max.		
Magnesium	Mg %	0.100 max.		
Manganese	Mn %	0.500 max.		
Nickel	Ni %	0.500 max.		
Silicon	Si %	7.500 - 9.500		
Tin	Sn %	0.350 max.		
Zinc	Zn %	3.000 max.		
Other	Ot%	0.500 max.		
Aluminium	Al %	Balance		
-	-	-	<b>Mechanical Properties</b> Tensile Strength in Mpa      315 min. Yield Strength in Mpa      160 min. Elongation in %      2.5 min. Reduction of Area in %      - Hardness in HB      - Impact in Joule      -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
A03800	UNS	USA	Casting
B 275 380.0	ASTM	USA	Casting
A 275 SC84B	ASTM	USA	Casting
B 85 380.0	ASTM	USA	Casting
B 85 SC84B	ASTM	USA	Casting
A03800	SAE	USA	Casting
380	AA	USA	Casting

**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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