

Material: ANSI/AA 332.0

Standard Specification for Aluminium and Aluminium Alloy - Ingot and Casting

Group: Non-Ferrous Aluminium Alloy

Sub Group: ANSI/AA Aluminium and Aluminium Alloy - Ingot and 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 %	1.200 max.		
Magnesium	Mg %	0.500 - 1.500		
Manganese	Mn %	0.500 max.		
Nickel	Ni %	0.500 max.		
Silicon	Si %	8.500 -10.500		
Titanium	Ti %	0.250 max.		
Zinc	Zn %	1.000 max.		
Aluminium	Al %	Balance		
-	-	-	Mechanical Properties	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	215 min.
			Yield Strength in Mpa	-
			Elongation in %	-
			Reduction of Area in %	-
			Hardness in HB	90 - 120
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
AA305	AS	Australia	Ingot and Casting
305	AS	Australia	Ingot and Casting
AC8B	JIS	Japan	Casting
LM26	BS	British	Ingot and Casting
AC8C	JIS	Japan	Casting
AC8C	KS	Korea	Casting
A03320	UNS	USA	Casting

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