

Material - ASTM B275 CG100A

Standard Practice for Codification of Certain Nonferrous Metals and Alloys, Cast and
Group - Non-Ferrous Aluminium Alloy

Sub Group - ASTM B275 Codification of Certain Nonferrous Metals and Alloys, Cast and Wrought

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Copper	Cu %	9.200 - 10.700	As-Cast	
Iron	Fe %	1.500 max.		
Magnesium	Mg %	0.150 - 0.350		
Manganese	Mn %	0.500 max.		
Nickel	Ni %	0.500 max.		
Silicon	Si %	2.000 max.		
Titanium	Ti %	0.250 max.		
Zinc	Zn %	0.800 max.		
Other	Ot%	0.350 max.		
Aluminium	Al %	Balance	Mechanical Properties Tensile Strength in Mpa 160 - 275 Yield Strength in Mpa - Elongation in % - Reduction of Area in % - Hardness in HB 65 - 155 Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
SB-26 222.0	ASME	USA	Casting
222.0	AA	USA	Ingot and Casting
LM12	BS	British	Ingot and Casting
A02220	UNS	USA	Casting
L-2110	UNE	Spain	Casting
2550	IS	India	Ingot and Casting
A02220	SAE	USA	Casting

For any further inquiries, please do not hesitate to contact us. You may visit our website at
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