

Material: UNE 38211 L-2110

Standard Specification for Aluminium and Aluminium Alloy for moulding

Group: Non-Ferrous Aluminium Alloy

Sub Group: UNE 38211 Aluminium and Aluminium Alloy for Moulding

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 - 10.800	As-Cast	
Iron	Fe %	1.500 max.		
Magnesium	Mg %	0.200 - 0.350		
Manganese	Mn %	0.500 max.		
Nickel	Ni %	0.300 max.		
Silicon	Si %	1.000 max.		
Lead	Pb %	0.100 max.		
Tin	Sn %	0.100 max.		
Titanium	Ti %	0.200 max.		
Zinc	Zn %	0.800 max.		
Other	Ot%	0.300 max.	Mechanical Properties	
Aluminium	Al %	Balance	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
B 275 CG100A	ASTM	USA	Casting
A02220	UNS	USA	Casting
LM12	BS	British	Ingot and Casting
2550	IS	India	Ingot and Casting
A02220	SAE	USA	Casting

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