

Material: AFNOR NF EN 1706 AC-ALSi9Mg

Standard Specification for Aluminium and Aluminium Alloys - Castings

Group: Non-Ferrous Aluminium Alloy

Sub Group: AFNOR NF EN 1706 Aluminium and Aluminium Alloys - Castings

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

Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Copper	Cu %	0.050 max.	As-Cast or Solution Annealing and Aging	
Iron	Fe %	0.190 max.		
Magnesium	Mg %	0.200 - 0.450		
Manganese	Mn %	0.100 max.		
Silicon	Si %	9.000 - 10.000		
Titanium	Ti %	0.150 max.		
Zinc	Zn %	0.070 max.		
Other	Ot%	0.100 max.		
Aluminium	Al %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa 160 - 230 Yield Strength in Mpa 80 - 310 Elongation in % 44471 Reduction of Area in % - Hardness in HB 50 - 120 Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN AC-ALSi9Mg	DIN	Germany	Casting
EN AC-ALSi9Mg	BS	British	Casting
EN AC-ALSi9Mg	UNE	Spain	Casting
EN AC-ALSi9Mg	UNI	Italy	Casting
EN AC-ALSi9Mg	SFS	Finland	Casting
Al Si9Mg	ISO	International	Casting
EN AC-ALSi9Mg	MSZ	Hungary	Casting

Disclaimer: All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: info@icastllp.com



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India