

Material: SFS EN 1676 AB-44100

Standard Specification for Aluminium and Aluminium Alloys - Alloyed Ingots for Remelting

Group: Non-Ferrous Aluminium Alloy

Sub Group: SFS EN 1676 for Aluminium and Aluminium Alloys - Alloyed Ingots for Remelting

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 %	0.100 max.		
Iron	Fe %	0.550 max.		
Magnesium	Mg %	0.100 max.		
Manganese	Mn %	0.550 max.		
Silicon	Si %	10.000 - 13.500	Mechanical Properties	
Titanium	Ti %	0.150 max.	Tensile Strength in Mpa	-
Lead	Pb %	0.100 max.	Yield Strength in Mpa	-
Zinc	Zn %	0.150 max.	Elongation in %	-
Other	Ot%	0.150 max.	Reduction of Area in %	-
Aluminium	Al %	Balance	Hardness in HB	-
-	-	-	Impact in Joule	-
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
EN AB-44100	DIN	Germany	Ingot and Casting
EN AB-44100	BS	British	Ingot and Casting
Al Si12(b)	ISO	International	Casting
EN AB-44100	UNE	Spain	Ingot and Casting
EN AB-44100	UNI	Italy	Ingot and Casting
EN AB-44100	CSN	Czech Republic	Ingot and Casting
EN AB-44100	BDS	Bulgaria	Ingot and 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

ICAST ALLOYS LLP