



GRAVITY CAST PVT. LTD.
GRAVITY GROUP OF COMPANIES

Material - UNI EN 1676 AB-44100

Standard Specification for Aluminium and Aluminium Alloys - Alloyed Ingots for Remelting Group - Non-Ferrous Aluminium Alloy

Sub Group - UNI 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.	As-Cast	
Iron	Fe %	0.550 max.		
Magnesium	Mg %	0.100 max.		
Manganese	Mn %	0.550 max.		
Silicon	Si %	10.000 - 13.500		
Titanium	Ti %	0.150 max.		
Lead	Pb %	0.100 max.		
Zinc	Zn %	0.150 max.		
Other	Ot%	0.150 max.		
Aluminium	Al %	Balance		
-	-	-	Mechanical Properties Tensile Strength in Mpa - Yield Strength in Mpa - Elongation in % - Reduction of Area in % - Hardness in HB - Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
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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
EN AB-44100	SFS	Finland	Ingot and Casting
EN AB-44100	UNE	Spain	Ingot and Casting
Al Si12(b)	ISO	International	Casting
EN AB-44100	CSN	Czech Republic	Ingot and Casting
EN AB-44100	BDS	Bulgaria	Ingot and Casting

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

All information in our data sheets and website is indicative only and is not intended to be a substitute for the full specification from which it is extracted. It is intended to provide typical values to allow comparison between metal alloy option rather than a definitive statement of mechanical performance or suitability for a particular application as these will vary with temperature, product type and product application. It is presented apart from contractual obligations and does not constitute any guarantee of properties or of processing or application possibilities in individual cases. Our warranties and liabilities are stated exclusively in our terms of business.

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