

Material - ASTM A148 Grade 135-125

Standard Specification for Steel Castings, High Strength, for Structural Purposes

Group - Ferrous Mild Steel Alloys

Sub Group - ASTM A148 / A148M Steel Castings, High Strength for Structural Purposes

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Sulphur	S %	0.060 Max.	Normalising or Annealing or Hardening + Tempering	
Phosphorus	P %	0.050 max.		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
-	-	-	Tensile Strength in Mpa	930 min.
-	-	-	Yield Strength in Mpa	860 min.
-	-	-	Elongation in %	9 min.
-	-	-	Reduction of Area in %	22 min.
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
D51250	UNS	USA	Casting
A148 Grade 80-50	ASTM	USA	Casting
A148 Grade 90-60	ASTM	USA	Casting
A148 Grade 105-85	ASTM	USA	Casting
A148 Grade 115-95	ASTM	USA	Casting
A148 Grade 130-115	ASTM	USA	Casting
A148 Grade 80-40	ASTM	USA	Casting

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at [+91 9879817994](tel:+919879817994), or email us at manish@amtechtechnocast.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.