

Material-ASTMA128Grade E-1

Standard Specification for Steel Castings, Austenitic Manganese

Group-Ferrous Austenitic Manganese Steel Alloy

SubGroup-ASTMA128/A128M Steel Castings, Austenitic Manganese

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

Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.700- 1.300	Normalising or Annealing or Hardening+Tempering	
Silicon	Si %	1.000 max.		
Manganese	Mn %	11.500- 14.000		
Phosphorus	P%	0.070 max.		
Molybdenum	Mo %	0.900- 1.200		
Iron	Fe%	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			Tensile Strength in Mpa	-
			Yield Strength in Mpa	-
			Elongation in %	-
			Reduction of Area in %	-
			Hardness in BHN	-
			Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
J91249	UNS	USA	Casting
T 100 MoMn 130	STAS	Romania	Casting
AF-Mn-E1	NBR	Brazil	Casting
Class E1	NMX	Mexico	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