

Material-ASTMA128Grade B-2

StandardSpecificationforSteelCastings,AusteniticManganese

Group-Ferrous AusteniticManganeseSteelAlloy

SubGroup-ASTMA128/A128MSteelCastings,AusteniticManganese

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

Belongs to the Industry - Casting

ChemicalComposition			Heat Treatment	
Carbon	C %	1.050- 1.200	NormalisingorAnnealingorHardening+Tempering	
Silicon	Si %	1.000 max.		
Manganese	Mn %	11.500- 14.000		
Phosphorus	P%	0.070 max.		
Iron	Fe%	Balance		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
			Mechanical Properties	
			TensileStrengthinMpa	-
			YieldStrengthinMpa	-
			Elongationin%	-
			Reductionof Areain %	-
			HardnessinBHN	-
			Impactin Joule	-

CrossReference Table			
Material	Standard	Country	GradeBelongtotheIndustry
Z 120 M 12	AFNORNF	France	Steel
BW10	BS	British	Casting
X 120 Mn 12	DIN	Germany	Steel
11OG13L	GOST	Russia	Casting
SCMnH1	JIS	Japan	Casting
G X 120Mn 12	UNI	Italy	Casting
J91109	UNS	USA	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