

Material: ANSI/AA F3D.20S-F

Specification Standards for Die Castings

Group: Non-Ferrous Alumium Alloy Sub

Group: ANSI/AA for Die Castings

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

Belongs to the Industry: Casting

Chemical Composition			Heat Treatment	
Silicon	Si %	9.500 - 10.500	As-Cast	
Iron	Fe %	0.800 - 1.200		
Copper	Cu %	3.000 - 3.500		
Magnesium	Mg %	0.300 - 0.500		
Manganese	Mn %	0.500 - 0.800		
Nickel	Ni %	1.000 - 1.500		
Titanium	Ti %	0.200 max.		
Zinc	Zn %	0.050 max.		
Other	Ot%	0.100 max.		
Aluminium	Al %	Balance	Mechanical Properties Tensile Strength in Mpa 352 min. Yield Strength in Mpa 303 min Elongation in % 0.4 min. Reduction of Area in % - Hardness in HRB 82 min. Impact in Joule -	
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		
-	-	-		

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India