

Material: ANSI/AA AM20

Specification Standards for Die Castings

Group: Non-Ferrous Magnesium 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	
Aluminium	Al %	1.700 - 2.200	As-Cast	
Zinc	Zn %	0.100 max.		
Manganese	Mn %	0.500 min.		
Silicon	Si %	0.100 max.		
Iron	Fe %	0.005 max.		
Copper	Cu %	0.008 max.		
Nickel	Ni %	0.001 max.		
Other	Ot%	0.010 max.		
Magnesium	Mg %	Balance	Mechanical Properties Tensile Strength in Mpa 220 min. Yield Strength in Mpa 105 min. Elongation in % 8 - 12 Reduction of Area in % - Hardness in BHN 47 min. Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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