



Material - ASTM A 352 Grade CA6NM

Standard Specification for Castings, Iron-Chromium, Iron-Chromium-Nickel Corrosion Resistant, for General Application

Group - Ferrous Stainless Steel Alloys

Sub Group - ASTM A 352 Grade CA6NM Castings, Iron-Chromium, Iron-Chromium-Nickel Corrosion Resistant, for General Application

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

Grade Belongs to the Industry - Casting

Chemical Composition			Heat Treatment	
Carbon	C %	0.060 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 max.		
Manganese	Mn %	1.000 max.		
Phosphorus	P %	0.040 max.		
Sulphur	S %	0.030 max.		
Chromium	Cr %	11.500 - 14.000		
Molybdenum	Mo %	0.400 - 1.000		
Nickel	Ni %	3.500 - 4.500		
-	-	-	Mechanical Properties Tensile Strength in Mpa 760 - 930 Yield Strength in Mpa 550 min. Elongation in % 15 min. Reduction of Area in % 35 min. Hardness in BHN - Impact in Joule -	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
3444 Grade 24	IS	India	Casting
A 352 J91540	ASTM	USA	Casting
A 356 Grade CA6NM	ASTM	USA	Casting
A 743 Grade CA-6NM	ASTM	USA	Casting
A 743 J91540	ASTM	USA	Casting
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Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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