

Material - ASTM B 344 Ni35-Cr20

Standard Specification for Drawn or Rolled Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating Elements

Group - Non-Ferrous Nickel Alloys

Sub Group - ASTM B 344 Ni35-Cr20 Drawn or Rolled Nickel-Chromium and Nickel-Chromium-Iron Alloys for Electrical Heating Elements

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

Grade Belongs to the Industry - Wire & Strip with Hot & Cold Rolled

Chemical Composition			Heat Treatment	
Carbon	C %	0.150 max.	As-Cast or Annealing or Age Hardning	
Silicon	Si %	1.000 - 3.000		
Manganese	Mn %	1.000 max.		
Chromium	Cr %	18.000 - 21.000		
Sulphur	S %	0.010 max.		
Nickel	Ni %	34.000 - 37.000		
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	
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Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
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