AMTECH TECHNOCAST PVT. LTD.

Material - ASTM B 344 Ni80-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 80Ni-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		
Carbon	C %	0.150 max.
Silicon	Si %	0.750 - 1.750
Manganese	Mn %	1.000 max.
Chromium	Cr %	19.000 - 21.000
Sulphur	S %	0.010 max.
Iron	Fe %	1.000 max.
Nickel	Ni %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	10 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

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

For any further inquiries, please do not hesitate to contact us. You may visit our website at AMTECH TECHNOCAST PVT. LTD., call us at +91 9879817994, or email us at manish@amtechtechnocast.com