

Material: UNS N02270

Standard Specification for Nickel Strip for Electron Tubes

Group: Non-Ferrous Nickel Alloys

Sub Group: UNS N02270 Nickel Strip for Electron Tubes

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

Grade Belongs to the Industry: Tube

Chemical Composition		
Carbon	C %	0.020 max.
Silicon	Si %	0.001 max.
Manganese	Mn %	0.001 max.
Copper	Cu %	0.001 max.
Sulphur	S %	0.001 max.
Magnesium	Mg %	0.001 max.
Iron	Fe %	0.005 max.
Titanium	Ti %	0.001 max.
Nickel	Ni %	99.970 min.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

Mechanical Properties	
Tensile Strength in Mpa	345 min.
Yield Strength in Mpa	110 min.
Elongation in %	50 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
F3 Grade 4	ASTM	USA	Tube
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-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

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