

Material: DIN NiCr10

Standard Specification for Nickel and Chromium Alloy Casting

Group: Non-Ferrous Nickel Alloys

Sub Group: DIN NiCr10 Nickel and Chromium Alloy Casting

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

Grade Belongs to the Industry: Casting

Chemical Composition		
Carbon	C %	0.100 max.
Silicon	Si %	0.600 max.
Manganese	Mn %	0.500 max.
Chromium	Cr %	9.000 - 11.000
Copper	Cu %	0.100 max.
Iron	Fe %	0.500 max.
Nickel	Ni %	87.000 min.
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast or Annealing or Age Hardning

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

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
2.4870	DIN	Germany	Casting
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