

# Material: DIN NiCr29Fe

## Standard Specification for Nickel and Chromium Alloy Casting

**Group:** Non-Ferrous Nickel Alloys

**Sub Group:** DIN NiCr29Fe 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 %	0.050 max.
Silicon	Si %	0.500 max.
Manganese	Mn %	0.500 max.
Chromium	Cr %	27.000 - 31.000
Aluminium	Al %	0.500 max.
Copper	Cu %	0.500 max.
Iron	Fe %	7.000 - 11.000
Phosphorus	P %	0.020 max.
Sulphur	S %	0.015 max.
Nickel	Ni %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment	
As-Cast or Annealing or Age Hardning	

Mechanical Properties	
Tensile Strength in Mpa	590 min.
Yield Strength in Mpa	240 min.
Elongation in %	30 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
2.4642	DIN	Germany	Casting
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

**Disclaimer:** All information displayed in our data sheets are for reference purpose only and are sole property of their respective owners. Information and or material are used for educational purposes only. Data at actual may vary at actual and case to case basis. ICAST Alloys LLP does not guarantee validity of these parameters. Warranties and liabilities are exclusive to our terms and conditions of business.

Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)



+91-99090 45075



[info@icastllp.com](mailto:info@icastllp.com)



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India