

# Material: BS EN 1982 CuNi30Cr2Fe1MnSi-C (CC382H)

## Standard Specification for Copper and Copper Alloys - Ingot and Casting

**Group:** Non-Ferrous Copper Alloy

**Sub Group:** BS EN 1982 Standard Specification for Copper and Copper Alloys - Ingot and Casting

**Application:** Intended for Valve, Pump, General Engineering, Automotive and Other Industries Grade

**Belongs to the Industry:** Ingot and Casting

Chemical Composition		
Aluminium	Al %	0.010 max.
Boron	B %	0.010 max.
Bismuth	Bi %	0.002 max.
Carbon	C %	0.030 max.
Magnesium	Mg %	0.010 max.
Phosphorus	P %	0.010 max.
Lead	Pb %	0.005 max.
Sulphur	S %	0.010 max.
Selenium	Se %	0.005 max.
Tellurium	Te %	0.005 max.
Zinc	Zn %	0.200 max.
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As-Cast

Mechanical Properties	
Tensile Strength in Mpa	440 min.
Yield Strength in Mpa	250 min.
Elongation in %	18 min.
Reduction of Area in %	-
Hardness in HBW	115 min.
Impact in Joule	-

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

**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