

Material: UNI G X 40 Cr 28

Standard Specification for Stainless, Corrosion Resisting Steel Sand Castings

Group: Ferrous Stainless Steel Alloys

Sub Group: UNI G X 40 Cr 28 Stainless, Corrosion Resisting Steel Sand Castings

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

Grade Belongs to the Industry: Casting

Chemical Composition		
Carbon	C %	0.500 max.
Silicon	Si %	1.500 max.
Manganese	Mn %	1.000 max.
Phosphorus	P %	0.040 max.
Sulphur	S %	0.035 max.
Chromium	Cr %	26.000 - 30.000
Nickel	Ni %	4.000 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing or Annealing

Mechanical Properties	
Tensile Strength in Mpa	380 min.
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
G X 40 CrNi 27-4	DIN	Germany	Casting
G X 35 CrNi 28-05	UNI	Italy	Casting
J92615	UNS	USA	Casting
1.4340	DIN	Germany	Casting
A 743 CC50	ASTM	USA	Casting
3444 Grade 9	IS	India	Casting
3444 Grade 13	IS	India	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



+91-99090 45075



info@icastllp.com



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