

Material: MSZ 40 CrNiSi 25-20

Standard Specification for Heat Resisting Steel Castings

Group: Ferrous Stainless Steel Alloys

Sub Group: MSZ 40 CrNiSi 25-20 Heat Resisting Steel Castings

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

Grade Belongs to the Industry: Casting

Chemical Composition		
Carbon	C %	0.200 - 0.500
Silicon	Si %	1.000 - 2.500
Manganese	Mn %	0.500 - 1.500
Phosphorus	P %	0.040 max.
Sulphur	S %	0.030 max.
Chromium	Cr %	24.000 - 26.000
Nickel	Ni %	19.000 - 21.000
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-
-	-	-

Heat Treatment
As - Cast

Mechanical Properties	
Tensile Strength in Mpa	450 min.
Yield Strength in Mpa	240 min.
Elongation in %	10 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
310C40	BS	British	Casting
1.4848	DIN	Germany	Casting
G X 40 CrNi 26-20	UNI	Italy	Casting
422952	CSN	Czech Republic	Casting
J94224	UNS	USA	Casting
393 G X 40 CrNi 25-20	SFS	Finland	Casting
A297 Grade HK	ASTM	USA	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