

## Material: AISI 1213

## **Standard Specification For Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Steel and Bar**

## **Group: Ferrous Mild Steel Alloys**

## **Sub Group: AISI 1213 Carbon Steel Compositions For Forging To Hot-Rolled And Cold-Finished Steel and Bar**

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

## **Grade Belongs to the Industry: Steel and Bar**

## Heat Treatment

Mechanical Properties	
Tensile Strength in Mpa	390 - 540
Yield Strength in Mpa	230 min.
Elongation in %	10 min.
Reduction of Area in %	35 - 45
Hardness in HB	121 - 167
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G12130	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1213	SAE	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
A 1040 1213	ASTM	USA	Steel
A 576 1213	ASTM	USA	Steel and Bar
SA-29 1213	ASME	USA	Steel
A 108 Grade 1213	ASTM	USA	Steel and Bar
A 29 1213	ASTM	USA	Steel and Bar

**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)