

## Material: ASTM A 827 1009

## Standard Specification For Carbon Steel Compositions For Forging

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

**Sub Group: ASTM A 1040 1009 Carbon Steel Compositions For Forging**

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

## **Grade Belongs to the Industry: Forging**

## Heat Treatment

Mechanical Properties	
Tensile Strength in Mpa	-
Yield Strength in Mpa	-
Elongation in %	-
Reduction of Area in %	-
Hardness in HB	262 max.
Impact in Joule	-

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
G10090	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1009	UNS	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
1009	AISI	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
A 1040 1009	ASTM	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
A 830 1009	ASTM	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
A 830 G10090	ASTM	USA	Bars, Wire Rods, Plates, Strip, Sheets and Tubing
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Customer Care: +91-99090 45075 Email: [info@icastllp.com](mailto:info@icastllp.com)