

# Material: ASTM A 576 15L26

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

**Group:** Ferrous Mild Steel Alloys

**Sub Group:** ASTM A 576 15L26 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

| Chemical Composition    |      |                | Heat Treatment  |
|-------------------------|------|----------------|---|
| Carbon                  | C %  | 0.220 - 0.290  | As Raw or Annealing or Normalizing or Hardening and Tempering |
| Manganese               | Mn % | 1.100 - 1.140  |   |
| Phosphorus              | P %  | 0.040 max.     |   |
| Sulphur                 | S %  | 0.050 max.     |   |
| Boron                   | B %  | 0.0005 - 0.003 |   |
| Copper                  | Cu % | 0.200 max.     |   |
| Lead                    | Pb % | 0.150 - 0.350  |   |
| Silicon                 | Si % | 0.100 max.     |   |
| Iron                    | Fe % | Balance        |   |
| -                       | -    | -              |   |
| -                       | -    | -              |   |
| -                       | -    | -              |   |
| -                       | -    | -              |   |
| -                       | -    | -              |   |
| -                       | -    | -              |   |
| 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                      |
| G15260                | UNS      | USA     | Bars, Wire Rods, Plates, Strip, Sheets and Tubing |
| 1526                  | SAE      | USA     | Bar, Plate, Strip, Sheets and Tubing              |
| 1526                  | AISI     | USA     | Bar, Plate, Strip, Sheets and Tubing              |
| A 29 1526             | ASTM     | USA     | Bar   |
| A 510 1526            | ASTM     | USA     | Steel   |
| -                     | -        | -       | -   |
| -                     | -        | -       | -   |

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