

Material: UNS D51801

Standard Specification for Alloy Steel Casting

Group: Ferrous Mild Steel Alloys

Sub Group: UNS D51801 Alloy steel casting

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

Grade Belongs to the Industry: *Casting*

Heat Treatment

| Mechanical Properties | |
|-------------------------|-----------|
| Tensile Strength in Mpa | - |
| Yield Strength in Mpa | 1241 min. |
| Elongation in % | - |
| Reduction of Area in % | - |
| Hardness in BHN | - |
| Impact in Joule | 20 J @ RT |

| Cross Reference Table | | | | |
|-----------------------|----------|---------|------------------------------|---------|
| Material | Standard | Country | Grade Belong to the Industry | |
| A148 Grade 165-150L | ASTM | USA | | Casting |
| A148 Grade 210-180 | ASTM | USA | | Casting |
| A148 Grade 165-150 | ASTM | USA | | Casting |
| A148 Grade 260-210 | ASTM | USA | | Casting |
| A148 Grade 260-210L | ASTM | USA | | Casting |
| A148 Grade 210-180I | ASTM | USA | | Casting |
| - | - | - | | - |

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