



Material - ASME SA-731 TPXM-33

Standard Specification for Stainless and Heat-Resisting Chromium Steel Plate, Sheet, and Strip

Group - Ferrous Stainless Steel Alloys

Sub Group - ASME SA-731 TPXM-33 Stainless and Heat-Resisting Chromium Steel Plate, Sheet and Strip

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

Grade Belongs to the Industry - Casting

| Chemical Composition | | | Heat Treatment | |
|----------------------|------|-----------------|---|--|
| Carbon | C % | 0.060 max. | Normalising or Annealing or Hardening + Tempering | |
| Silicon | Si % | 0.750 max. | | |
| Manganese | Mn % | 0.750 max. | | |
| Phosphorus | P % | 0.040 max. | | |
| Sulphur | S % | 0.020 max. | | |
| Chromium | Cr % | 25.000 - 27.000 | | |
| Molybdenum | Mo % | 0.750 - 1.500 | | |
| Nickel | Ni % | 0.500 max. | | |
| Titanium | Ti % | 0.200 - 1.000 | | |
| Nitrogen | N % | 0.040 max. | | |
| Copper | Cu % | 0.200 max. | | |
| Iron | Fe % | Balance | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |
| - | - | - | | |

| Cross Reference Table | | | |
|-----------------------|----------|---------|------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| A176 Type XM-27 | ASTM | USA | Plate, Sheet and Strip |
| A240 Type XM-27 | ASTM | USA | Plate, Sheet and Strip |
| A276 XM-27 | ASTM | USA | Bar and Shapes |
| S44627 | UNS | USA | Plate, Sheet and Strip |
| SM-27 | SAE | USA | Plate, Sheet and Strip |
| SA-731 TPXM-27 | ASME | USA | Casting |
| A731 TP XM-33 | ASTM | USA | Casting |

Further any inquiry to discuss with Gravity Cast Pvt. Ltd. – Gravity Group of Companies team member Call on +918469160029, or email marketing@gravitycastindia.com

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