

Material: AFNOR NF TS 15 CD 2-05

Standard Specification for Longitudinally Fusion Unalloyed and Ferritic Alloyed Steel Tubes for Use at Elevated Temperatures

Group: Ferrous Mild Steel Alloys

Sub Group: AFNOR NF TS 15 CD 2-05 Longitudinally Fusion Unalloyed and Ferritic Alloyed Steel Tubes for Use at Elevated Temperatures

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

Grade Belongs to the Industry: Tube

Chemical Composition		
Carbon	C %	0.100 - 0.180
Silicon	Si %	0.100 - 0.350
Manganese	Mn %	0.500 - 0.900
Phosphorus	P %	0.030 max.
Sulphur	S %	0.025 max.
Chromium	Cr %	0.400 - 0.650
Nickel	Ni %	0.300 max.
Molybdenum	Mo %	0.450 - 0.600
Vanadium	V %	0.040 max.
Aluminium	Al %	0.025 min.
Tin	Sn %	0.030 max.
Iron	Fe %	Balance
-	-	-
-	-	-
-	-	-

Heat Treatment
Normalizing or Annealing or Hardening + Tempering

Mechanical Properties	
Tensile Strength in Mpa	440 - 570
Yield Strength in Mpa	275 min.
Elongation in %	22 min.
Reduction of Area in %	-
Hardness in HV	320 max.
Impact in Joule	-

Cross Reference		
Material	Standard	Country
12 MCh	GOST	Russia

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



+91-99090 45075



info@icastllp.com



ICAST ALLOYS LLP, Plot 2527, Road H1, Kranti Gate, GIDC Metoda, Lodhika, Rajkot-360021, Gujarat, India