

Material: UNE 13 MoCrV 6

Standard Specification for Seamless Steel Tubes for Pressure Purposes

Group: Ferrous Mild Steel Alloys

Sub Group: UNE 13 MoCrV 6 Seamless Steel Tubes for Pressure Purposes

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

Grade Belongs to the Industry: Sheet, Plate and Strip

Chemical Composition			Heat Treatment	
Carbon	C %	0.080 - 0.180	Normalizing + Tempering	
Silicon	Si %	0.150 - 0.350		
Manganese	Mn %	0.400 - 0.800		
Phosphorus	P %	0.035 max.		
Sulphur	S %	0.035 max.		
Chromium	Cr %	0.300 - 0.600		
Molybdenum	Mo %	0.500 - 0.700		
Vanadium	V %	0.250 - 0.350		
Iron	Fe %	Balance	Mechanical Properties	
-	-	-	Tensile Strength in Mpa	470 - 630
-	-	-	Yield Strength in Mpa	275 min.
-	-	-	Elongation in %	17 min.
-	-	-	Reduction of Area in %	-
-	-	-	Hardness in BHN	-
-	-	-	Impact in Joule	30 J @ RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.7715	EN	European Union	Steel and Tube
1.7715	EN	European Union	Steel and Tube
1.7715	DIN	Germany	Steel and Tube
14MoV63	DIN	Germany	Steel and Tube
660-460	BS	British	Sheet and Forging
15128	CSN	Czech Republic	Steel and Tube
KL10	MSZ	Hungary	Steel and Tube

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