

Material: BS 10216-2 EN 1.7715

Standard Specification for Seamless Steel Tubes for Pressure Purposes

Group: *Ferrous Mild Steel Alloys*

Sub Group: *BS 10216-2 Seamless Steel Tubes for Pressure Purposes*

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

Belongs to the Industry: *Steel and Tube*

Chemical Composition			Heat Treatment	
Carbon	C %	0.100 - 0.150	Normalising + Tempering	
Silicon	Si %	0.150 - 0.350		
Manganese	Mn %	0.400 - 0.700		
Phosphorus	P %	0.025 max.		
Sulphur	S %	0.020 max.		
Chromium	Cr %	0.300 - 0.600		
Nickel	Ni %	0.300 max.		
Molybdenum	Mo %	0.500 - 0.700		
Aluminium	Al %	0.040 max.		
Copper	Cu %	0.300 max.		
Vanadium	V %	0.220 - 0.280		
Iron	Fe %	Balance		
-	-	-		
-	-	-		
-	-	-		

Mechanical Properties	
Tensile Strength in Mpa	460 - 610
Yield Strength in Mpa	320 min.
Elongation in %	18 min.
Reduction of Area in %	-
Hardness in BHN	-
Impact in Joule	27 min. @ RT

Cross Reference Table			
Material	Standard	Country	Grade Belong to the Industry
1.7715	EN	European Union	Steel and Tube
1.7715	DIN	Germany	Steel and Tube
14 MoV 6 3	DIN	Germany	Steel and Tube
13MoCrV6	UNE	Spain	Sheet, Plate and Strip
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